Texas Department of Transportation
600 W. Interstate 2 | Pharr, Texas 78577-1231 | (956) 702-6100 | www.txdot.gov

January 23, 2019

RECEIVED
JAN 23 2019
COUNTY JUDGE

Honorable Richard Cortez
County Judge, Hidalgo County
100 E. Cano
Edinburg, TX 78539

RE: SH 107, from FM 493 to US 281 (CSJ: 0342-01-074)

Dear Judge Cortez,

Attached for your signature is the proposed construction plan set for the above referenced project. The project has a March 2019 letting date. You can keep this set of plans for your review and records. Please sign and return the original title sheet back to us as soon as possible. Thank you.

Should you have any questions, please feel free to contract me at (956) 702-6339.

Sincerely,

Atidio (Rudy) Garza, P.E.
Pharr District – Central Design Section

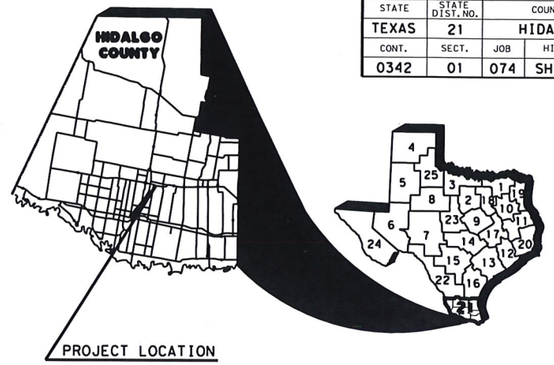
FED. RD. DIV. NO.	PROJECT NO.		SHEET NO.
	STP 2019 (085)		1
STATE	STATE DIST. NO.	COUNTY	
TEXAS	21	HIDALGO	
CONT.	SECT.	JOB	HIGHWAY NO.
0342	01	074	SH 107

STATE OF TEXAS
DEPARTMENT OF TRANSPORTATION

PLANS OF PROPOSED
STATE HIGHWAY IMPROVEMENT

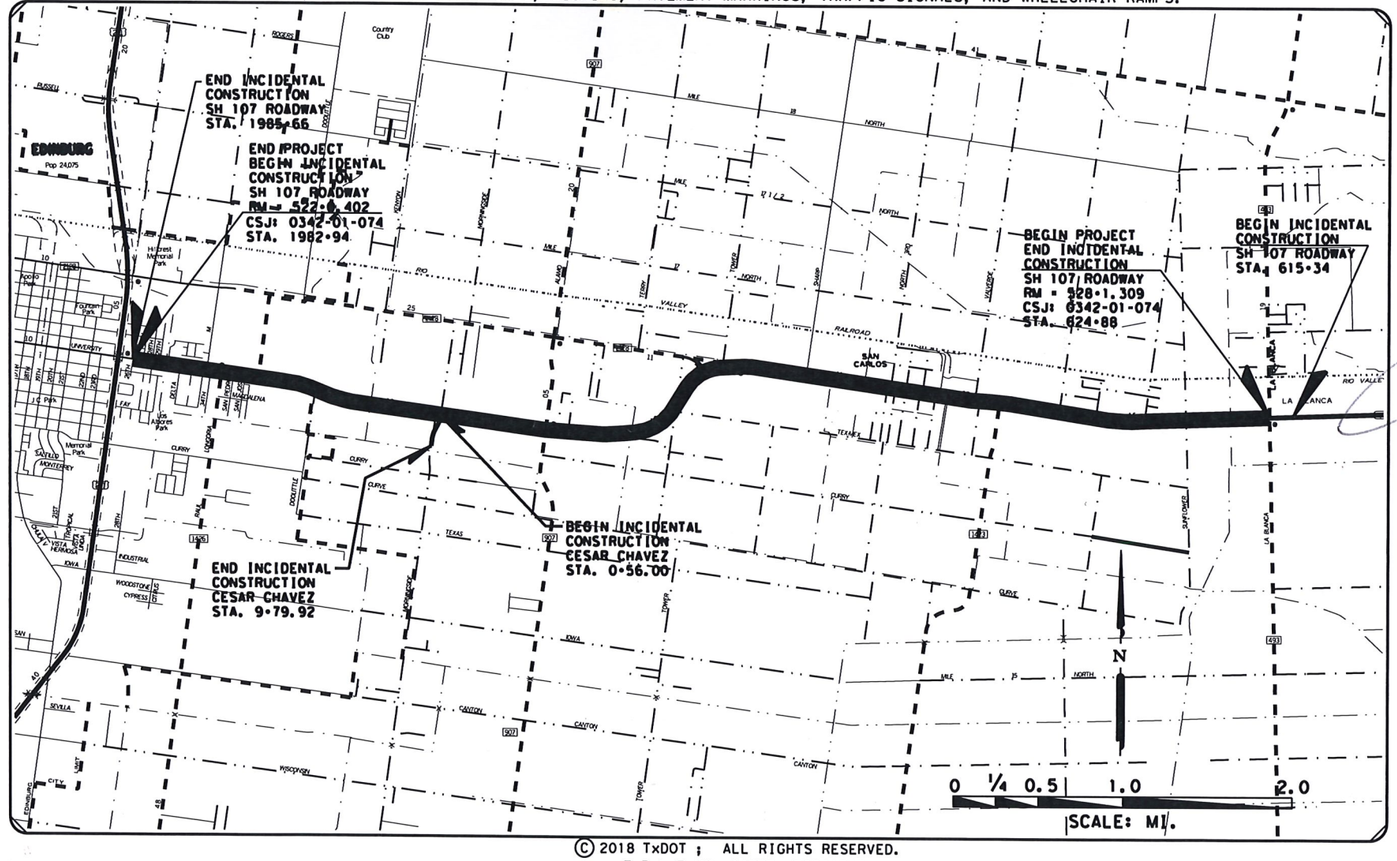
PROJECT NO. =
CSJ: 0342-01-074
NET LENGTH OF PROJECT = 36467.02 FT. = 6.907 MI.

HIDALGO COUNTY
SH 107
LIMITS: FROM: FM 493
TO: US 281 E.



WIDENING, RECONSTRUCTION AND UPGRADING OF A NON-FREEWAY FACILITY

CONSISTING OF : GRADING, LIME TREATED FLEXIBLE BASE, ASPHALTIC CONCRETE PAVEMENT, CURB AND GUTTER, CONCRETE MEDIAN, SIDEWALKS, BRICK PAVERS, STORM DRAIN STRUCTURES, SIGNING, PAVEMENT MARKINGS, TRAFFIC SIGNALS, AND WHEELCHAIR RAMPS.



LOCAL ENTITIES

	DATE	NAME	TITLE
CITY OF EDINBURG :			1-22-19
COUNTY OF HIDALGO :			
HIDALGO COUNTY IRRIG. DIST. # 1:			
HIDALGO COUNTY DONNA IRRIG. DIST. # 1			
HIDALGO COUNTY DRAINAGE DIST. # 1:			

FINAL PLAN DATA :

FINAL CONTRACT PRICE: _____
CONTRACTORS NAME: _____
CONTRACTORS ADDRESS: _____
LETTING DATE: _____
DATE WORK BEGAN: _____
DATE WORK COMPLETED: _____
DATE OF ACCEPTANCE: _____

CHANGE ORDERS & SUPP. AGREEMENTS :

ALL CONSTRUCTION WORK WAS PERFORMED IN ACCORDANCE WITH THE PLANS SPECIFICATIONS AND CONTRACT. ALL PROPOSED CONSTRUCTION WAS COMPLETED UNLESS OTHERWISE NOTED.

RENE GARZA, P.E. — DATE
AREA ENGINEER

COUNTY HIDALGO PROJ. NO. STP 2019 (085)
HWY. NO. SH 107 LETTING DATE _____
DATE ACCEPTED _____

SPECIFICATIONS ADOPTED BY THE TEXAS DEPARTMENT OF TRANSPORTATION ON NOVEMBER 1, 2014 AND SPECIFICATION ITEMS LISTED AND DATED AS FOLLOWS SHALL GOVERN ON THIS PROJECT. REQUIRED CONTRACT PROVISIONS FOR FEDERAL-AID CONSTRUCTION CONTRACTS (FORM FHWA 1273, MAY 2012).

PROJECT DATA - SH 107

DESIGN SPEED:
FM 493 TO FM 1426 — 55 MPH SH 107
FM 1426 TO E. US 281 — 45 MPH SH 107
CESAR CHAVEZ AND FM 2128 : — 30 MPH
INTERSECTING STREETS : — 30 MPH

A.D.T.
US 281 TO FM 493
YEAR - 2007 — A.D.T. = 21,300
YEAR - 2027 — A.D.T. = 32,800

EQUATIONS:
EQUATION : STA. 694+94.64 BK = STA. 695+01.03 AH
EQUATION : STA. 780+05.51 BK = STA. 779+79.20 AH
EQUATION : STA. 843+23.15 BK = STA. 848+22.90 AH
EQUATION : STA. 946+71.55 BK = STA. 946+65.80 AH

EQUATIONS: (CONT.)
EQUATION : STA. 965+39.78 BK = STA. 1954+00.00 AH

EXCEPTION: NONE

RAILROAD CROSSING: NONE

TEXAS DEPARTMENT OF TRANSPORTATION

SUBMITTED FOR LETTING : DATE: 8-9-18
DISTRICT ENGINEER

RECOMMEND FOR LETTING : DATE: 8/9/18
CENTRAL DESIGN SUPERVISOR

APPROVED FOR LETTING : DATE:
DIRECTOR OF TRAFFIC OPERATIONS DIVISION

APPROVED FOR LETTING : DATE:
DIRECTOR, DESIGN DIVISION

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T.D.L.R NO. EABPRJ B8821385

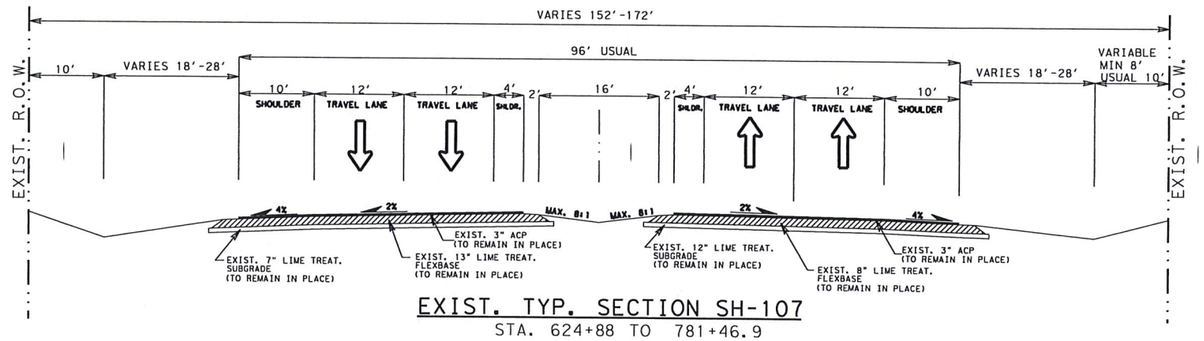
FILE: T:/ENG/TA/PROJECTS/SH 107 (US 281 TO FM 493)/GENERAL/ SH107TITLE.DGN

SH 107 (0342-01-074)

GENERAL NOTES:

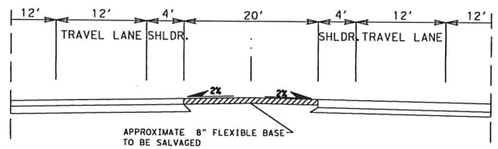
DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED.

THE EXISTING ACP IS TO BE INCORPORATED INTO THE EXIST. FLEX BASE IN ACCORDANCE WITH ITEM 251.

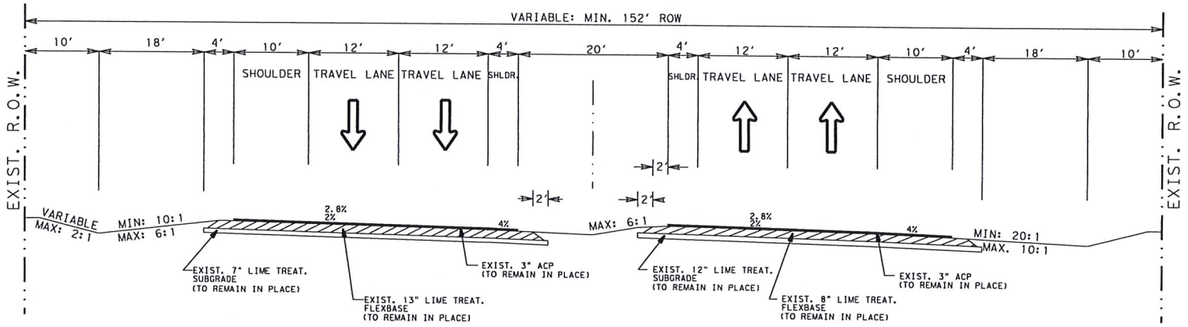


EXIST. TYP. SECTION SH-107

STA. 624+88 TO 781+46.9



EXIST. TYP. MEDIAN CROSSOVER



SUPERELEVATED EXIST. TYP. SECTION SH-107

EXISTING @ FOLLOWING STATIONS
STA. 666+00 TO STA. 668+00 (BEG. TRANS. SOUTH LANE)
STA. 668+00 TO STA. 676+00 (FULL SUPER SOUTH LANE)
STA. 676+00 TO STA. 678+50 (END TRANS. SOUTH LANE)
STA. 706+00 TO STA. 708+50 (BEG. TRANS. NORTH LANE)
STA. 708+50 TO STA. 712+50 (FULL SUPER NORTH LANE)
STA. 712+50 TO STA. 714+50 (END TRANS. NORTH LANE)
STA. 713+50 TO STA. 715+50 (BEG. TRANS. SOUTH LANE)
STA. 715+50 TO STA. 721+50 (FULL SUPER SOUTH LANE)
STA. 721+50 TO STA. 723+50 (END TRANS. SOUTH LANE)

EXISTING @ FOLLOWING STATIONS
STA. 666+00 TO 668+00 (BEG. TRANS. NORTH LANE)
STA. 668+00 TO 676+00 (FULL SUPER NORTH LANE)
STA. 676+00 TO 678+50 (END TRANS. NORTH LANE)
STA. 783+50 TO 786+00 (BEG. TRANS. SOUTH LANE)
STA. 786+00 TO 788+00 (FULL SUPER SOUTH LANE)
STA. 788+00 TO 790+50 (END TRANS. SOUTH LANE)

STATE OF TEXAS
VALENTE OLIVAREZ, JR.
93792
LICENSED PROFESSIONAL ENGINEER
11-14-08

EXISTING TYPICAL SECTIONS

SHEET 1 OF 4 SHEETS

SCALE: NTS

© TxDOT 2008

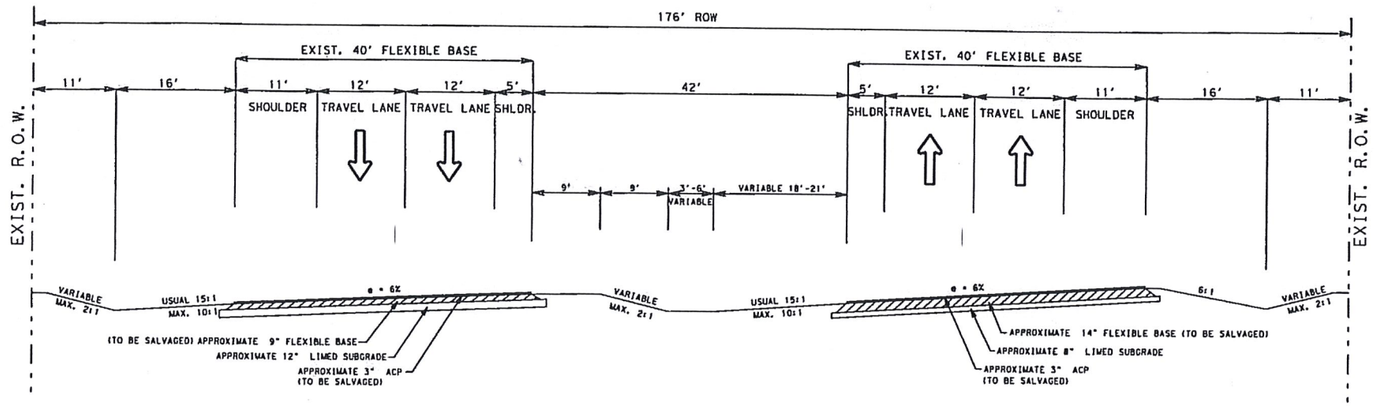
FED. RD. DIV. NO.	PROJECT NO.		SHEET NO.
6			7
STATE	STATE DIST. NO.	COUNTY	
TEXAS	21	HIDALGO	
CONT.	SECT.	JOB	HIGHWAY NO.
0342	01	074	SH 107

T:\ENGDATA\PROJECTS\SH107(US 281 TO FM 493)\TYP SECTIONS\EXISTTYP.DGN

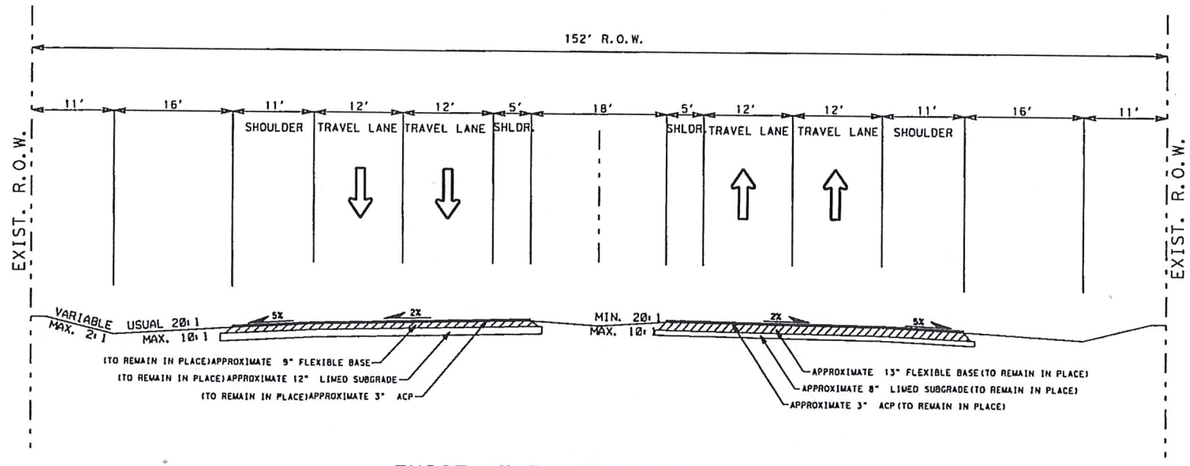
GENERAL NOTES:

DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED.

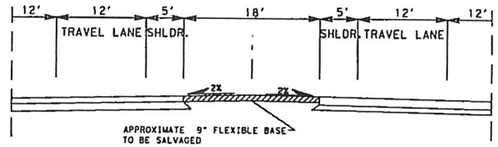
THE EXISTING ACP IS TO BE INCORPORATED INTO THE EXIST. FLEX BASE IN ACCORDANCE WITH ITEM 251.



SUPERELEVATED EXIST. TYP. SECTION SH-107
STA. 781+46.9 TO 843+26.5



EXIST. TYP. SECTION SH-107
STA. 848+22.9 TO 924+94.4
STA. 930+97.7 TO 940+53.6
STA. 946+65.8 TO 1959+89



EXIST. TYP. MEDIAN CROSSOVER

STATE OF TEXAS
VALENTE OLIVAREZ, JR.
93792
LICENSED PROFESSIONAL ENGINEER

11-14-08

EXISTING TYPICAL SECTIONS

SHEET 2 OF 4 SHEETS

SCALE: NTS

© TxDOT 2008

FED. RD. DIV. NO.	PROJECT NO.		SHEET NO.
6			8
STATE	STATE DIST. NO.	COUNTY	
TEXAS	21	HIDALGO	
CONT.	SECT.	JOB	HIGHWAY NO.
0342	01	074	SH 107

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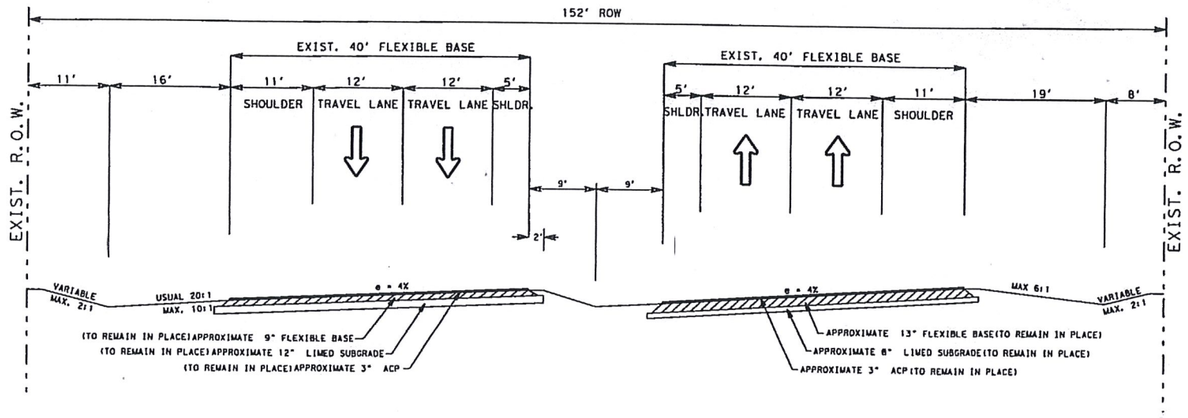
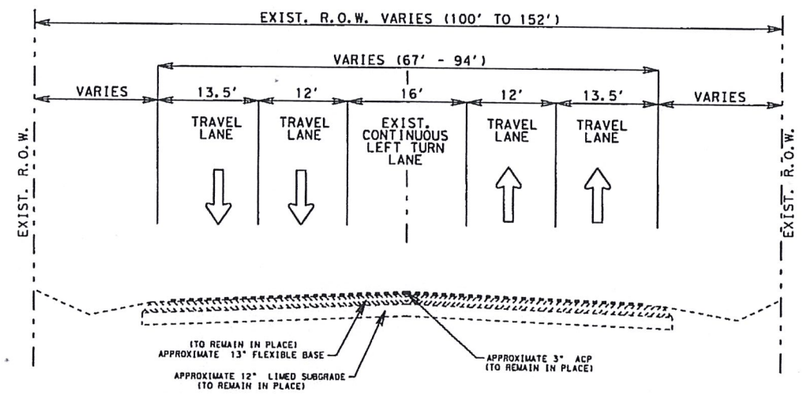


SUPERELEVATED EXIST. TYP. SECTION SH-107

STA. 924+94.4 TO 930+97.7
STA. 940+53.6 TO 946+71.3



EXIST. TYP. SECTION SH 107

STA. 1959+89.00 TO 1972+89.24

GENERAL NOTES:

DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED.

THE EXISTING ACP IS TO BE INCORPORATED INTO THE EXIST. FLEX BASE IN ACCORDANCE WITH ITEM 251.

STATE OF TEXAS
VALENTE OLIVAREZ, JR.
93792
LICENSED
PROFESSIONAL ENGINEER

Valente Olivarez 11-19-08

EXISTING TYPICAL SECTIONS

SHEET 3 OF 4 SHEETS

SCALE: NTS

© TxDOT 2008

FED. RD. DIV. NO.	PROJECT NO.		SHEET NO.
6			9
STATE	STATE DIST. NO.	COUNTY	
TEXAS	21	HIDALGO	
CONT.	SECT.	JOB	HIGHWAY NO.
0342	01	074	SH 107

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GENERAL NOTES:

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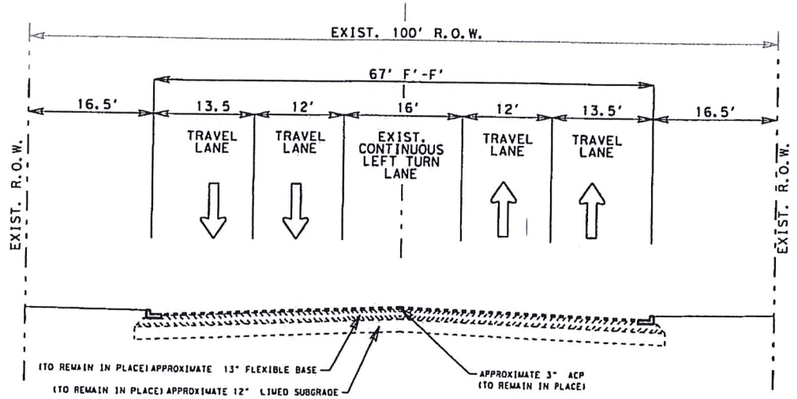
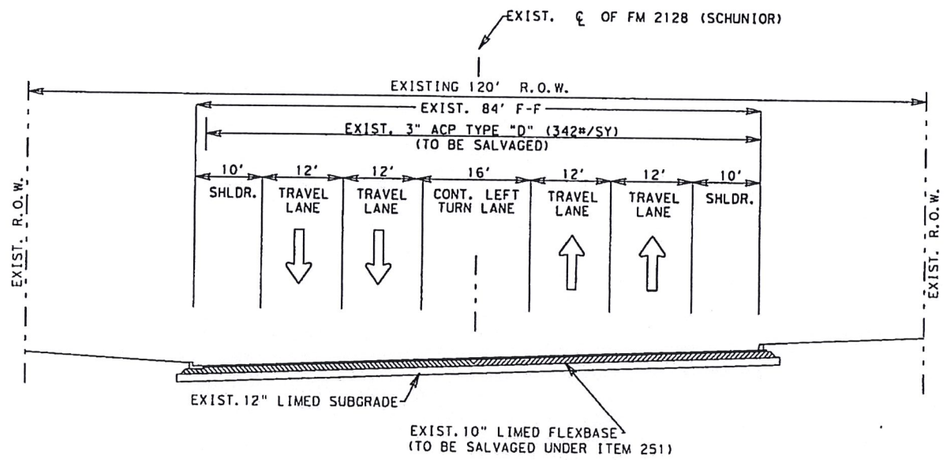


EXIST. TYP. SECTION SH 107

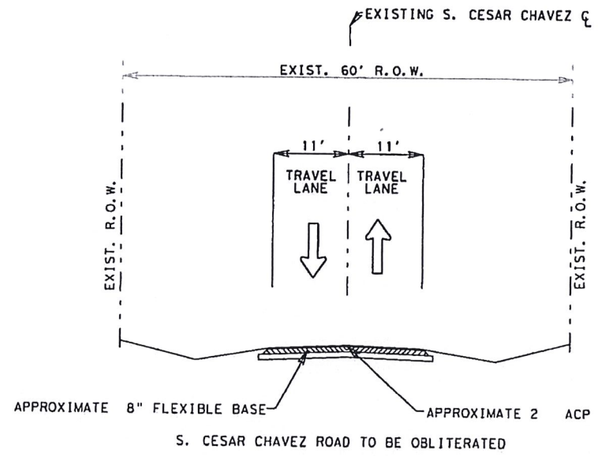
STA. 1972+89.24 TO 1982+94



EXIST. TYP. SECTION FM 2128

STA. 800+09.22 TO 802+49.89

TRANSITION FROM 3.5%



S. CESAR CHAVEZ ROAD TO BE OBLITERATED

EXIST. TYP. SECTION S. CESAR CHAVEZ

STA. 1+00.00 TO 9+79.92

STATE OF TEXAS
VALENTE OLIVAREZ, JR.
93792
LICENSED PROFESSIONAL ENGINEER

1-14-08

EXISTING TYPICAL SECTIONS

SHEET 4 OF 4 SHEETS

SCALE: NTS

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FED. RD. DIV. NO.	ROJECT NO.		SHEE NO.
6			10
STATE	STA E DIST. NO.	COUNTY	
TEXAS	21	HIDALGO	
CONT.	SECT.	JOB	HIGHWAY NO.
0342	01	074	SH 107

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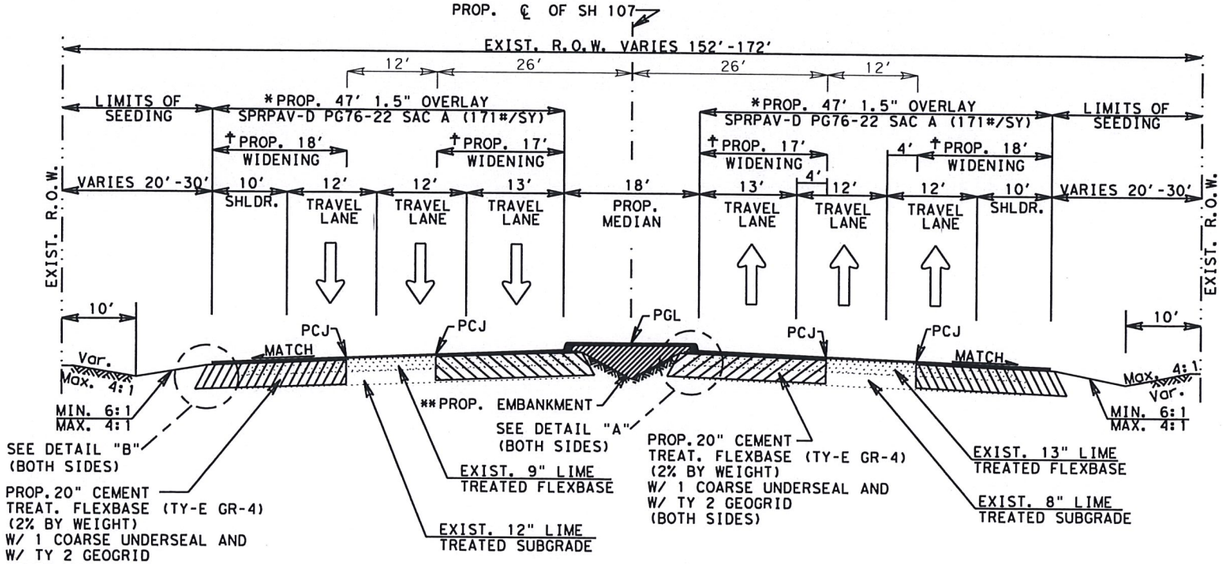


PROP. TYP. SECTION SH 107

STA. 624+88 TO 666+00
STA. 678+50 TO 706+00
STA. 723+50 TO 782+14

NOTE:

* THE CONTRACTOR SHALL MEASURE FROM THE CENTER LINE OF SH 107 AND WIDEN ACCORDINGLY TO CONSTRUCT A 47 FOOT WIDE PAVEMENT SECTION AS SHOWN ON TYPICAL SECTION.

EQUATION:

STA. 694+94.64 BK =
STA. 695+01.03 AH

STA. 780+05.51 BK =
STA. 779+79.20 AH

GENERAL NOTES:

114 #/SY IS EQUIVALENT TO 1" IN DEPTH

PCJ- DENOTES PERMISSIBLE CONSTRUCTION JOINT

PGL- DENOTES PROFILE GRADE LINE

WHERE POSSIBLE AND UNLESS OTHERWISE DIRECTED BY THE ENGINEER, PERMISSIBLE CONSTRUCTION JOINTS SHALL FALL ON STRIPING LINES AS SHOWN ON STRIPING DETAILS.

WHERE REQUIRED BY FIXTURES OR UNUSUAL CONDITIONS, THE GOVERNING SLOPES MAY BE VARIED WHEN SPECIFICALLY DIRECTED BY THE ENGINEER.

THE COMPLETE BASE SHALL BE ROLLED AND COMPACTED BEFORE THE EARTH SHOULDER IS SHAPED AND FINAL COMPACTION SHALL BE DONE OVER THE BASE AND THE EDGE OF THE SHOULDER.

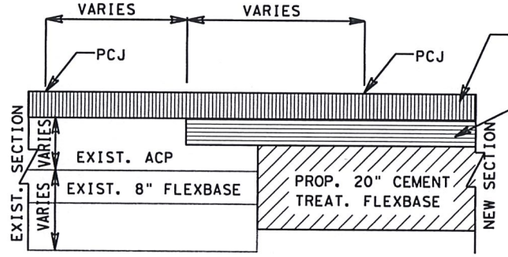
ALL GRADING SHALL BE WITHIN R.O.W. LIMITS

THE % LIME SHOWN ON TYPICAL SECTIONS FOR ITEM 247 "FLEX. BASE" IS SEPARATE FROM LIME WHICH MAY BE REQUIRED TO MEET P.I. AND TRIAXIAL REQUIREMENTS ADDED AT CONTRACTOR'S EXPENSE

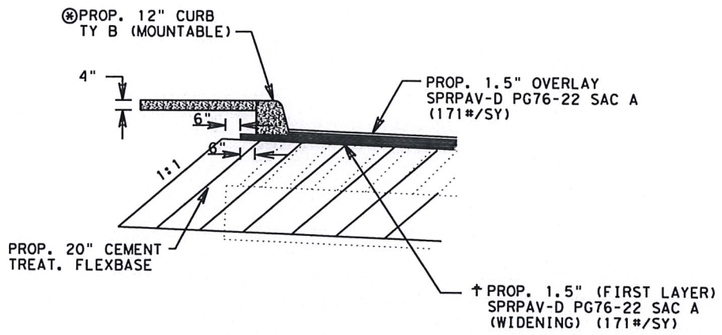
EXISTING ACP & FLEX. BASE (BREAKBACK) TO BE USED AS PART OF PROPOSED EARTH EMBANKMENT THROUGHOUT PROJECT

† ALL WIDENED SECTIONS WILL BE COVERED WITH AN INTIAL 1.5" (FIRST LAYER) SPRPAV-D PG76-22 SAC A.

** SEE DISTRICT STANDARD FOR LANDSCAPE PAVERS FOR DETAILS. ALL MATERIALS NEEDED FOR EMBANKMENT ARE SUBSIDIARY TO ITEM 432.

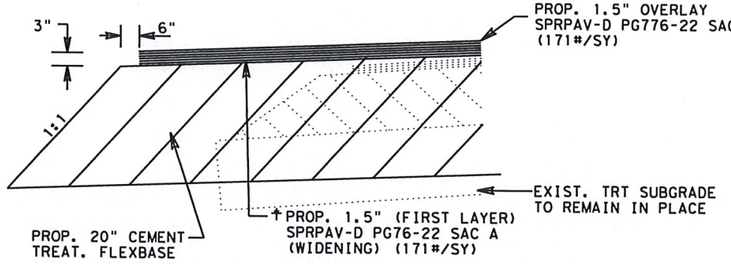


CONSTRUCTION JOINT DETAIL



DETAIL "A"

⊛STA. 704+00 TO 751+00
PROP CONC. CURB TY B (BARRIER)



DETAIL "B"

PROPOSED TYPICAL SECTIONS

SHEET 1 OF 6 SHEETS

SCALE: NTS

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FED. RD. DIV. NO.	PROJECT NO.		SHEET NO.
6	STP 2019 (085)		II
STATE	STATE DIST. NO.	COUNTY	
TEXAS	21	HIDALGO	
CONT.	SECT.	JOB	HIGHWAY NO.
0342	01	074	SH 107

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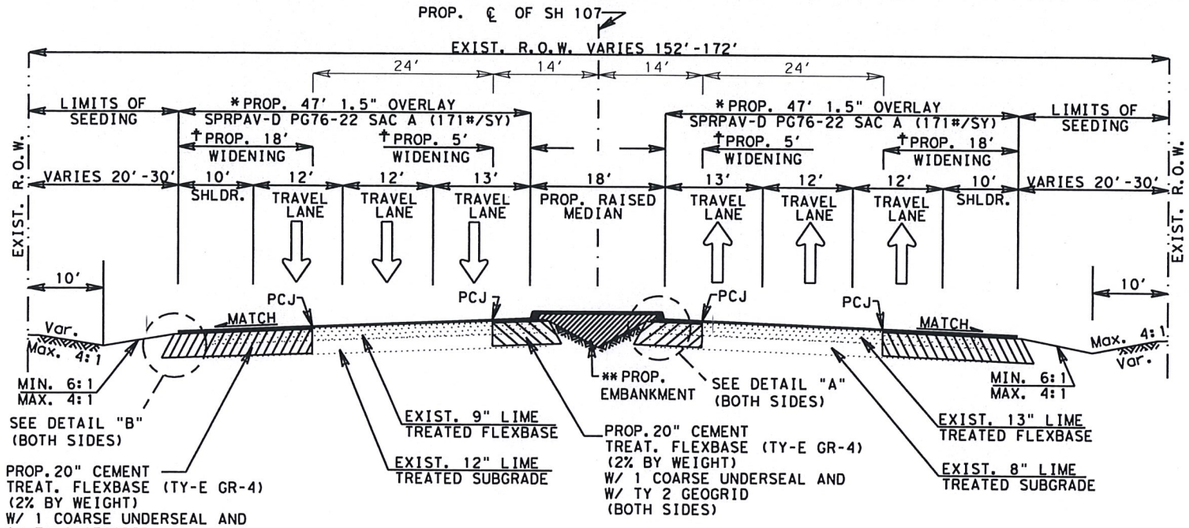


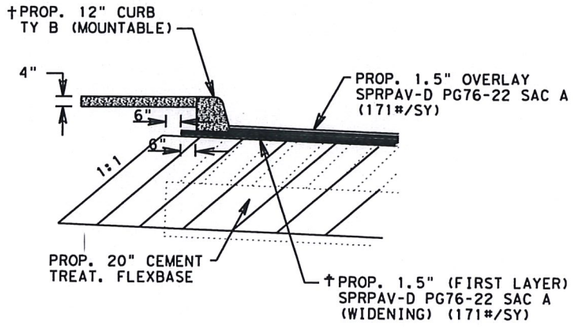
PROP. TYP. SECTION SH 107

STA. 851+03 TO 921+60
STA. 934+07 TO 937+27
STA. 949+81 TO 1954+20

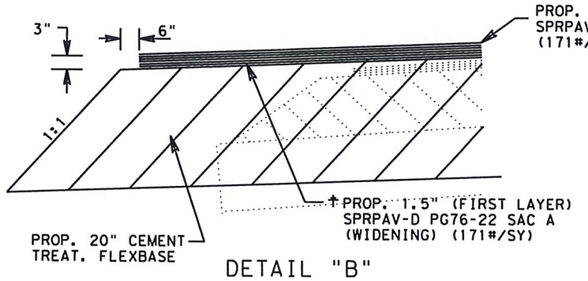
EQUATION:

STA. 965+39.78 BK=
STA. 1954+00.00 AH

* NOTE:
THE CONTRACTOR SHALL MEASURE FROM THE CENTER LINE OF SH 107 AND WIDEN ACCORDINGLY TO CONSTRUCT A 47 FOOT WIDE PAVEMENT SECTION AS SHOWN ON TYPICAL SECTION.



DETAIL "A"



DETAIL "B"

GENERAL NOTES:

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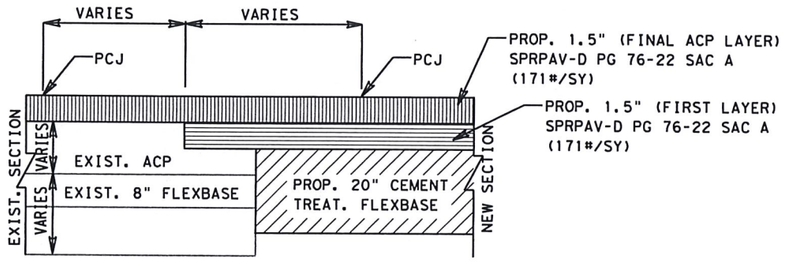
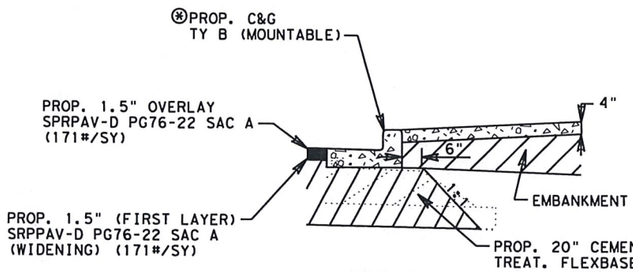
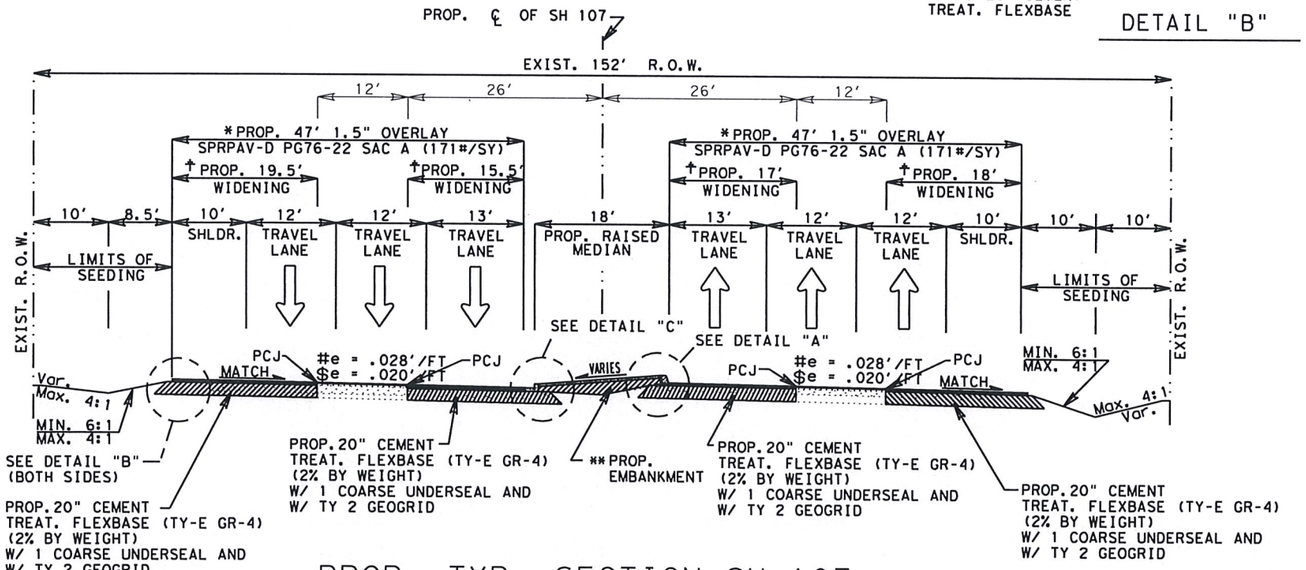


CONSTRUCTION JOINT DETAIL



DETAIL "C"

⊛STA. 706+00 TO 723+50
PROP CONC. CURB TY B (BARRIER)



PROP. TYP. SECTION SH 107

#STA. 666+00 TO 678+50
$STA. 706+00 TO 723+50

* NOTE:
THE CONTRACTOR SHALL MEASURE FROM THE CENTER LINE OF SH 107 AND WIDEN ACCORDINGLY TO CONSTRUCT A 47 FOOT WIDE PAVEMENT SECTION AS SHOWN ON TYPICAL SECTION.

SCALE: NTS

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PROPOSED TYPICAL SECTIONS

SHEET 2 OF 6 SHEETS

FED.RD. DIV.NO.	PROJECT NO.		SHEET NO.
6	STP 2019 (085)		12
STATE	STATE DIST.NO.	COUNTY	
TEXAS	21	HIDALGO	
CONT.	SECT.	JOB	HIGHWAY NO.
0342	01	074	SH 107

FILE: T:\PHRDSGN\ENGDATA\SH_107_(US_281_to_FM_493)\Typical Sections\proptyp_REV4.dgn
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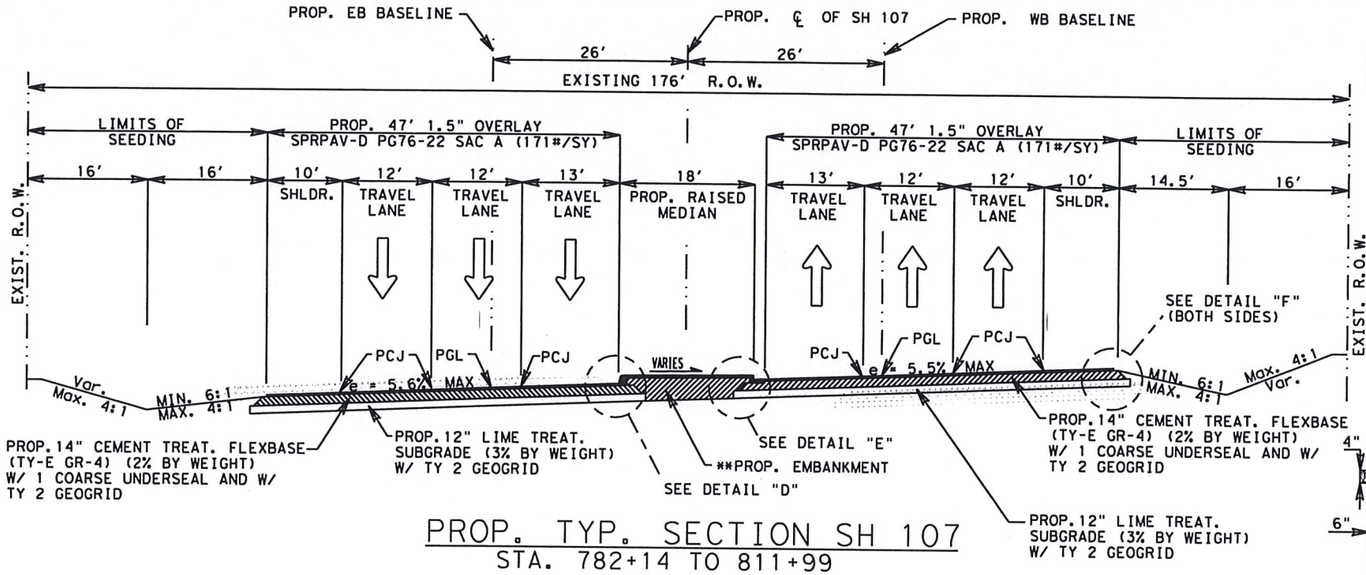
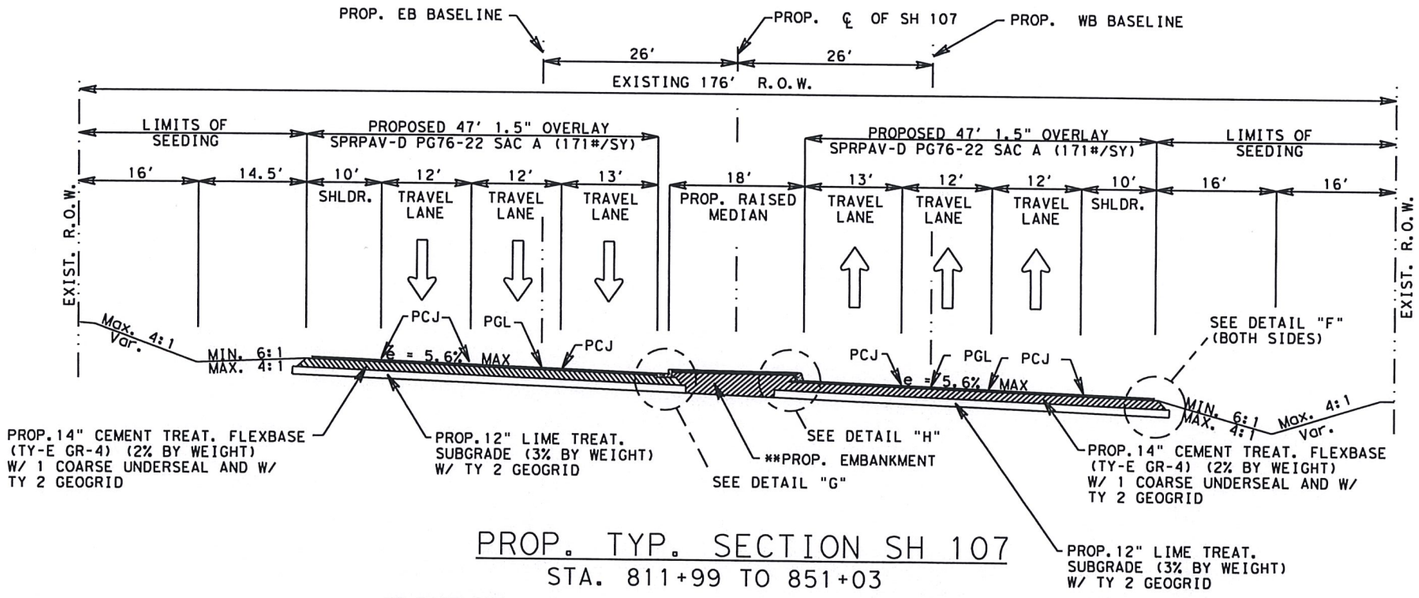


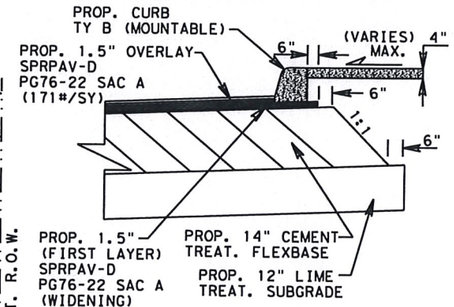
PROP. TYP. SECTION SH 107
STA. 782+14 TO 811+99

EB BASELINE		WB BASELINE	
STA. 782+81	(BEGIN TRANSITION)	STA. 782+78	(BEGIN TRANSITION)
STA. 786+57	(BEGIN FULL SUPER 4.0%)	STA. 786+47	(BEGIN FULL SUPER 3.9%)
STA. 787+55	(BEGIN TRANSITION)	STA. 787+56	(BEGIN TRANSITION)
STA. 791+31	(END TRANSITION)	STA. 791+25	(END TRANSITION)
STA. 791+60	(BEGIN TRANSITION)	STA. 791+64	(BEGIN TRANSITION)
STA. 796+36	(BEGIN FULL SUPER 5.6%)	STA. 796+34	(BEGIN FULL SUPER 5.5%)
STA. 806+99	(BEGIN TRANSITION)	STA. 807+52	(BEGIN TRANSITION)
STA. 811+75	(END TRANSITION)	STA. 812+22	(END TRANSITION)



PROP. TYP. SECTION SH 107
STA. 811+99 TO 851+03

EB BASELINE		WB BASELINE	
STA. 813+28	(BEGIN TRANSITION)	STA. 813+78	(BEGIN TRANSITION)
STA. 818+04	(BEGIN FULL SUPER 5.6%)	STA. 818+54	(BEGIN FULL SUPER 5.6%)
STA. 829+69	(BEGIN TRANSITION)	STA. 829+74	(BEGIN TRANSITION)
STA. 834+45	(END TRANSITION)	STA. 834+50	(END TRANSITION)
STA. 834+94	(BEGIN TRANSITION)	STA. 835+36	(BEGIN TRANSITION)
STA. 838+63	(BEGIN FULL SUPER 3.9%)	STA. 839+05	(BEGIN FULL SUPER 3.9%)
STA. 842+15	(BEGIN TRANSITION)	STA. 841+72	(BEGIN TRANSITION)
STA. 849+70	(END TRANSITION)	STA. 850+44	(END TRANSITION)



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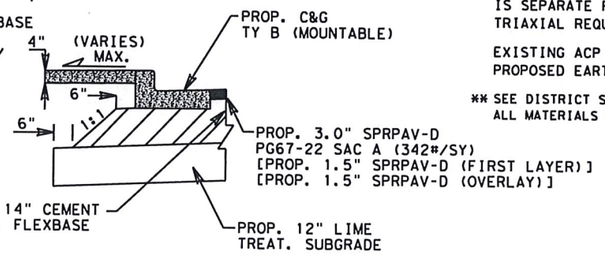

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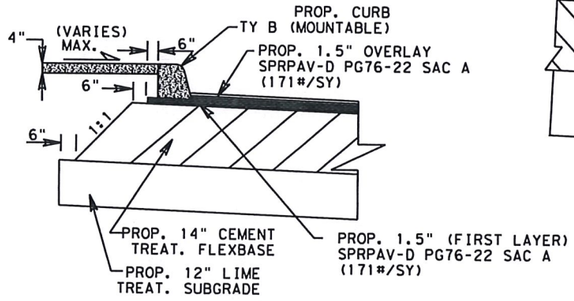

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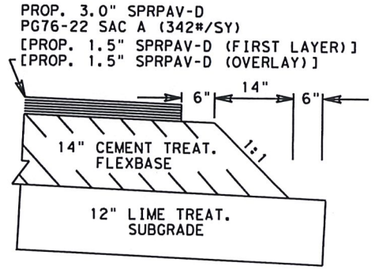

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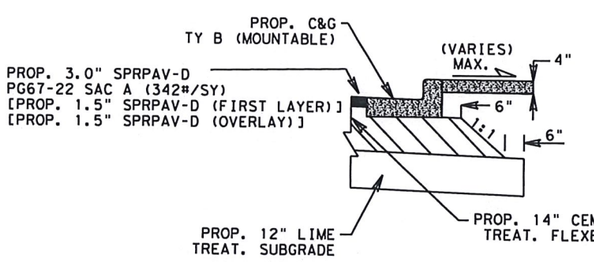

DETAIL "G"

GENERAL NOTES:

114 #/SY IS EQUIVALENT TO 1" IN DEPTH

PCJ- DENOTES PERMISSIBLE CONSTRUCTION JOINT

PGL- DENOTES PROFILE GRADE LINE

WHERE POSSIBLE AND UNLESS OTHERWISE DIRECTED BY THE ENGINEER, PERMISSIBLE CONSTRUCTION JOINTS SHALL FALL ON STRIPING LINES AS SHOWN ON STRIPING DETAILS.

WHERE REQUIRED BY FIXTURES OR UNUSUAL CONDITIONS, THE GOVERNING SLOPES MAY BE VARIED WHEN SPECIFICALLY DIRECTED BY THE ENGINEER.

THE COMPLETE BASE SHALL BE ROLLED BEFORE THE EARTH SHOULDER IS SHAPED AND FINAL COMPACTION SHALL BE DONE OVER THE BASE AND THE EDGE OF THE SHOULDER.

ALL GRADING SHALL BE WITHIN R.O.W. LIMITS

THE % LIME SHOWN ON TYPICAL SECTIONS FOR ITEM 247 "FLEX. BASE" IS SEPARATE FROM LIME WHICH MAY BE REQUIRED TO MEET P.I. AND TRIAXIAL REQUIREMENTS ADDED AT CONTRACTOR'S EXPENSE

EXISTING ACP & FLEX. BASE (BREAKBACK) TO BE USED AS PART OF PROPOSED EARTH EMBANKMENT THROUGHOUT PROJECT

** SEE DISTRICT STANDARD FOR LANDSCAPE PAVERS FOR DETAILS. ALL MATERIALS NEEDED FOR EMBANKMENT ARE SUBSIDIARY TO ITEM 432.

EQUATION:

STA. 843+23.15 BK=
STA. 848+22.90 AH

STATE OF TEXAS
ATIDIO R. GARZA
93834
LICENSED PROFESSIONAL ENGINEER
7/12/2018

PROPOSED TYPICAL SECTIONS

SHEET 3 OF 6 SHEETS

SCALE: NTS

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FED. RD. DIV. NO.	PROJECT NO.		SHEET NO.
6	STP 2019 (085)		13
STATE	STATE DIST. NO.	COUNTY	
TEXAS	21	HIDALGO	
CONT.	SECT.	JOB	HIGHWAY NO.
0342	01	074	SH 107

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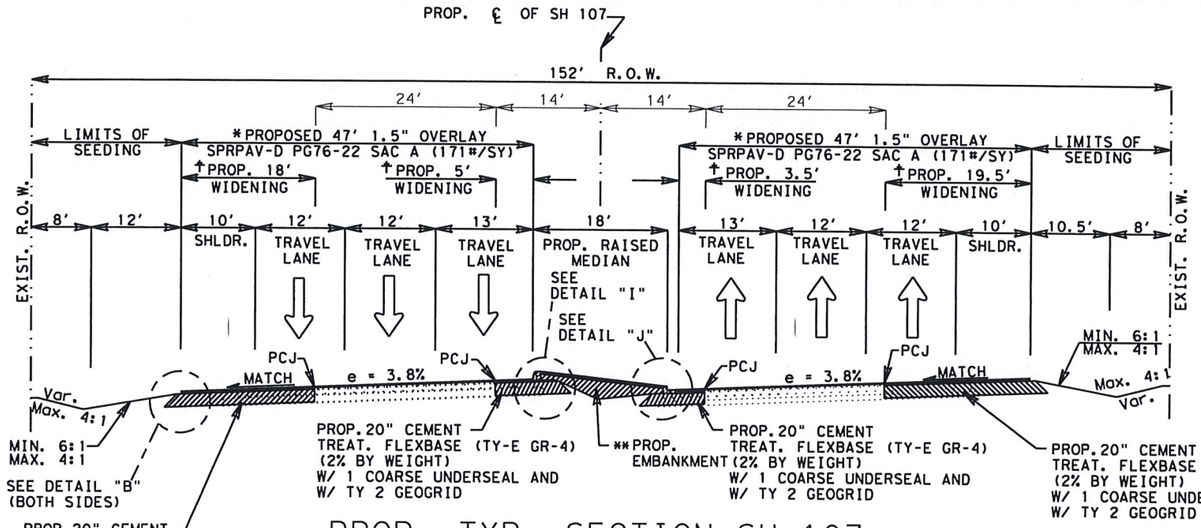


PROP. TYP. SECTION SH 107

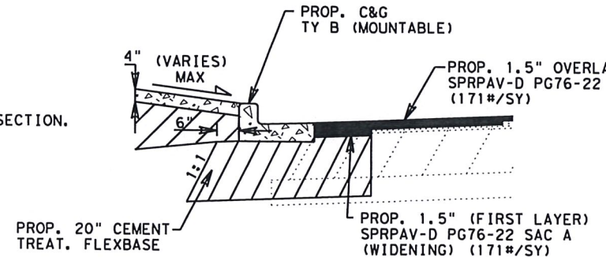
STA. 937+27 TO 949+81

STA. 937+27 (BEGIN TRANSITION)
STA. 940+90 (BEGIN FULL SUPER 3.8%)
STA. 946+18 (BEGIN TRANSITION)
STA. 949+81 (END TRANSITION)

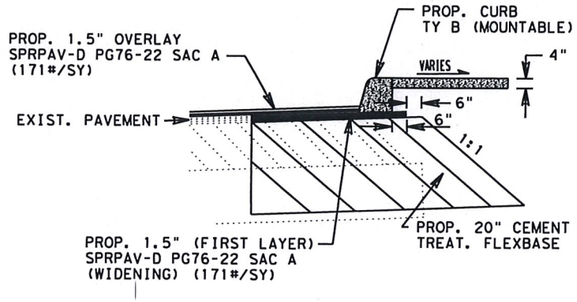
* NOTE:
THE CONTRACTOR SHALL MEASURE FROM THE CENTER LINE OF SH 107 AND WIDEN ACCORDINGLY TO CONSTRUCT A 47 FOOT WIDE PAVEMENT SECTION AS SHOWN ON TYPICAL SECTION.

EQUATION:

STA. 946+71.55 BK=
STA. 946+65.80 AH



DETAIL "J"



DETAIL "I"

GENERAL NOTES:

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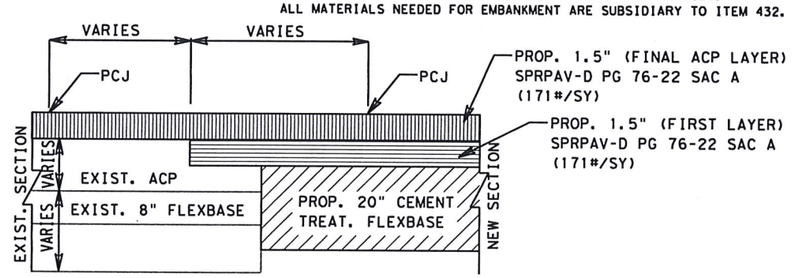
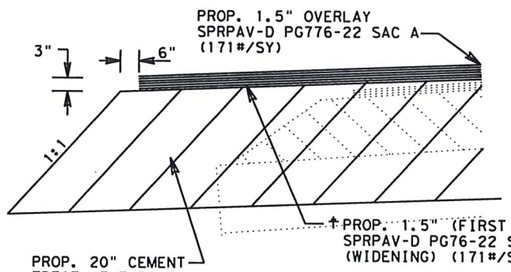
† ALL WIDENED SECTIONS WILL BE COVERED WITH AN INTIAL 1.5" (FIRST LAYER) SPRPAV-D PG76-22 SAC A.

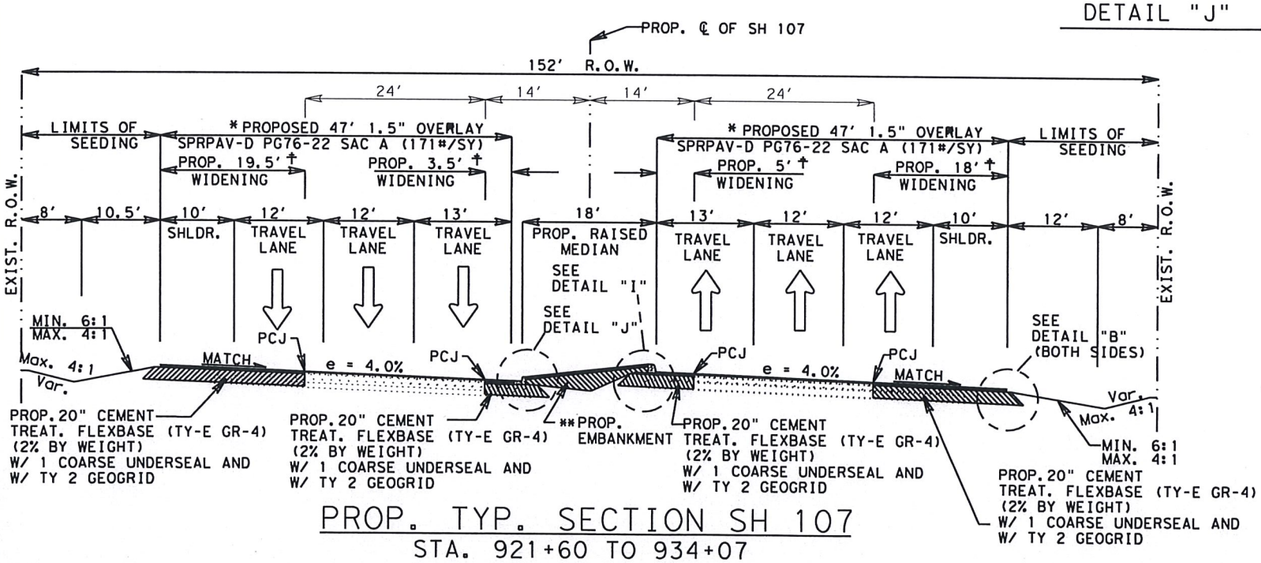
** SEE DISTRICT STANDARD FOR LANDSCAPE PAVERS FOR DETAILS. ALL MATERIALS NEEDED FOR EMBANKMENT ARE SUBSIDIARY TO ITEM 432.



CONSTRUCTION JOINT DETAIL



DETAIL "B"

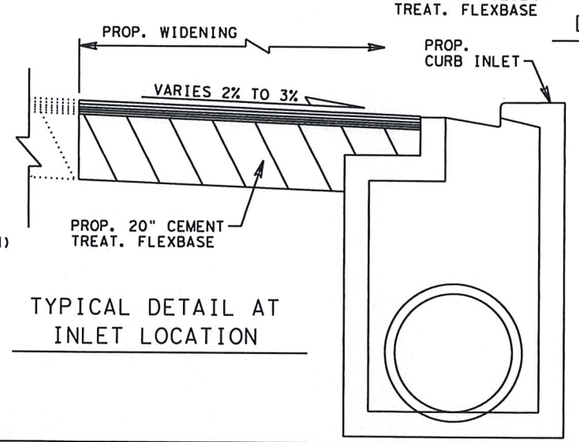


PROP. TYP. SECTION SH 107

STA. 921+60 TO 934+07

STA. 921+60 (BEGIN TRANSITION)
STA. 925+35 (BEGIN FULL SUPER 4.0%)
STA. 930+32 (BEGIN TRANSITION)
STA. 934+07 (END TRANSITION)

* NOTE:
THE CONTRACTOR SHALL MEASURE FROM THE CENTER LINE OF SH 107 AND WIDEN ACCORDINGLY TO CONSTRUCT A 47 FOOT WIDE PAVEMENT SECTION AS SHOWN ON TYPICAL SECTION.



TYPICAL DETAIL AT INLET LOCATION

STATE OF TEXAS
ATIDIO R. GARZA
93834
LICENSED PROFESSIONAL ENGINEER

7/12/2018

SCALE: NTS

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PROPOSED TYPICAL SECTIONS

SHEET 4 OF 6 SHEETS

FED. RD. DIV. NO.	PROJECT NO.		SHEET NO.
6	STP 2019 (085)		14
STATE	STATE DIST. NO.	COUNTY	
TEXAS	21	HIDALGO	
CONT.	SECT.	JOB	HIGHWAY NO.
0342	01	074	SH 107

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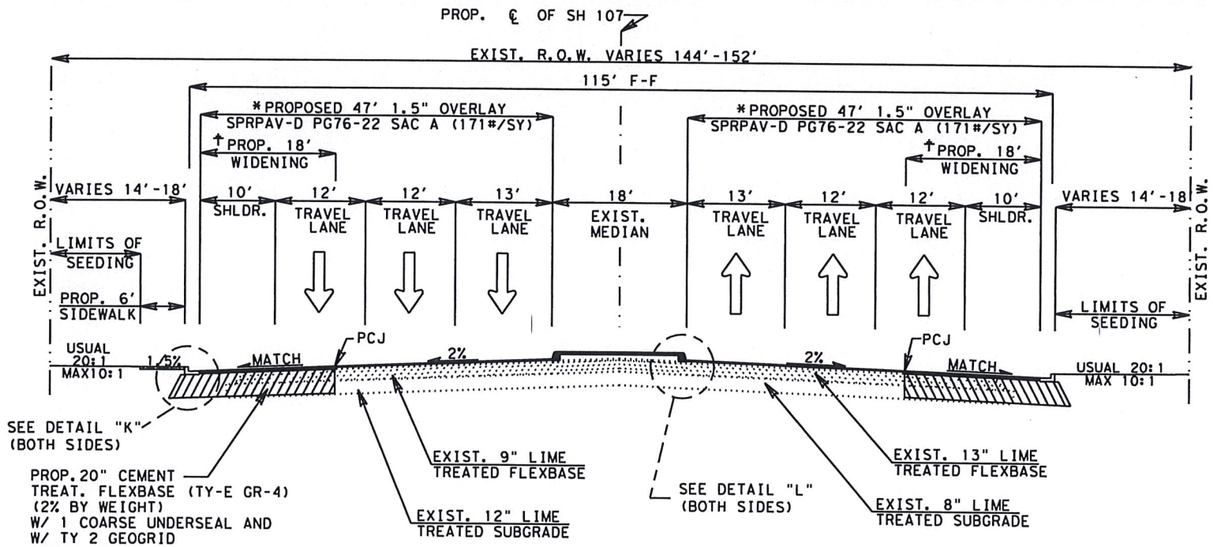
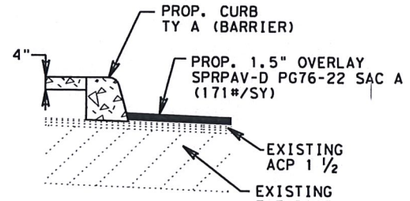


PROP. TYP. SECTION SH 107
STA. 1954+20 TO 1962+18

* NOTE:
THE CONTRACTOR SHALL MEASURE FROM THE CENTER LINE OF SH 107 AND WIDEN ACCORDINGLY TO CONSTRUCT A 47 FOOT WIDE PAVEMENT SECTION AS SHOWN ON TYPICAL SECTION.



DETAIL "L"

GENERAL NOTES:

114 #/SY IS EQUIVALENT TO 1" IN DEPTH

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PGL- DENOTES PROFILE GRADE LINE

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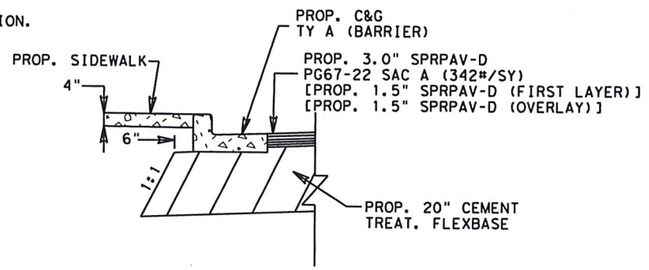
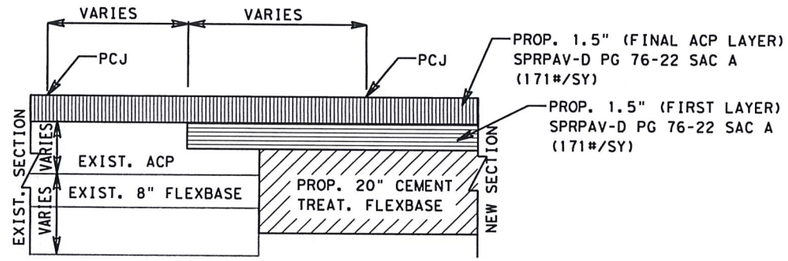
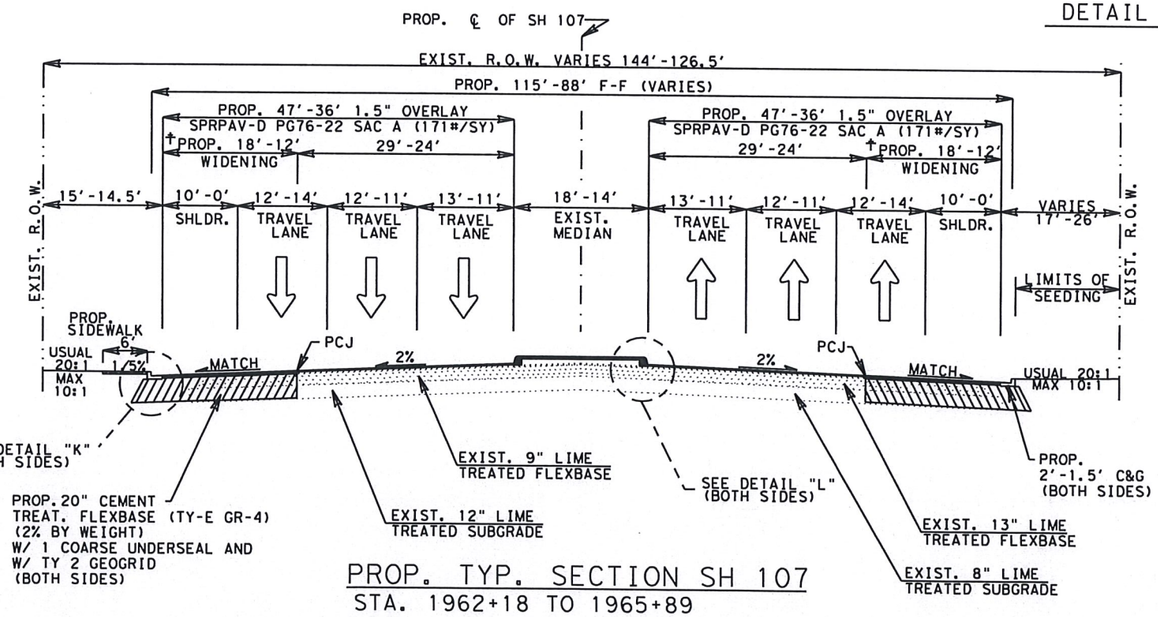
** SEE DISTRICT STANDARD FOR LANDSCAPE PAVERS FOR DETAILS. ALL MATERIALS NEEDED FOR EMBANKMENT ARE SUBSIDIARY TO ITEM 432.



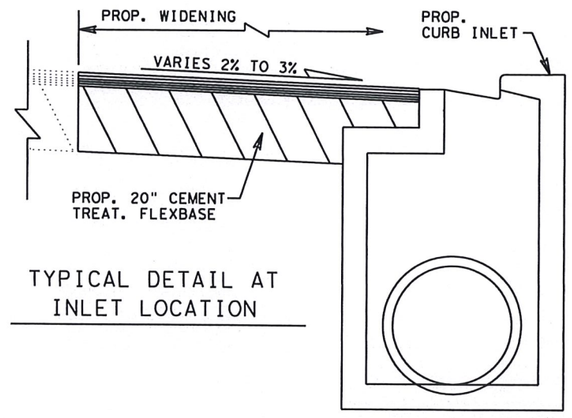
DETAIL "K"



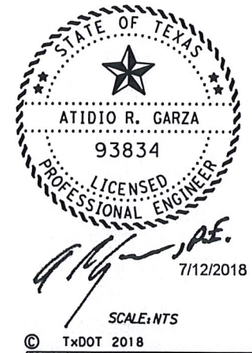
CONSTRUCTION JOINT DETAIL



PROP. TYP. SECTION SH 107
STA. 1962+18 TO 1965+89



TYPICAL DETAIL AT INLET LOCATION



SCALE: NTS

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FED.RD. DIV.NO.	PROJECT NO.		SHEET NO.
6	STP 2019 (085)		15
STATE	STATE DIST.NO.	COUNTY	
TEXAS	21	HIDALGO	
CONT.	SECT.	JOB	HIGHWAY NO.
0342	01	074	SH 107

PROPOSED TYPICAL SECTIONS

SHEET 5 OF 6 SHEETS

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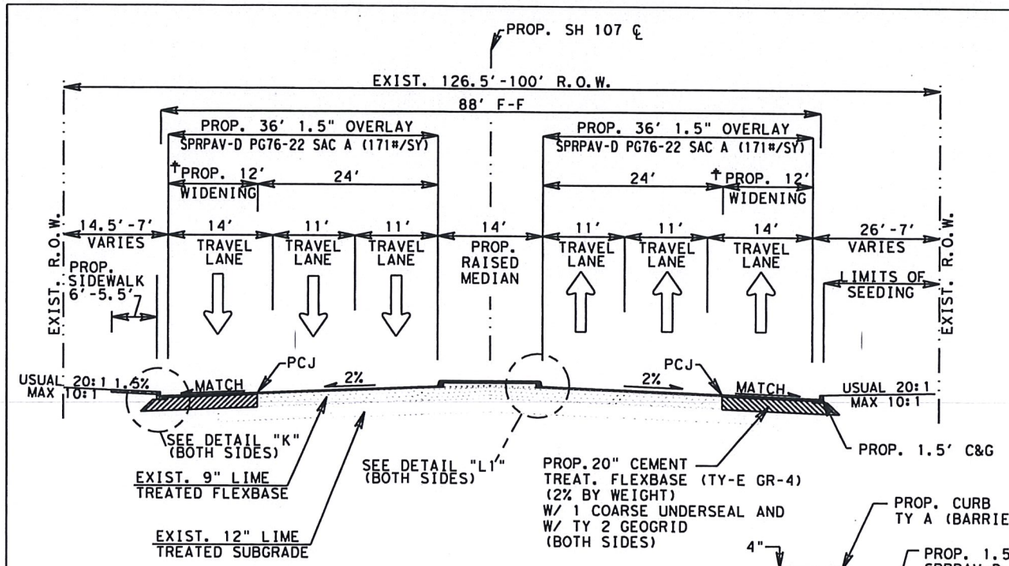
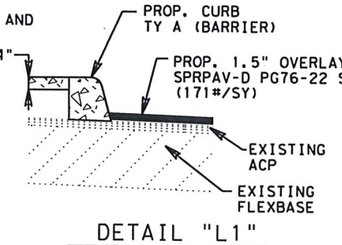
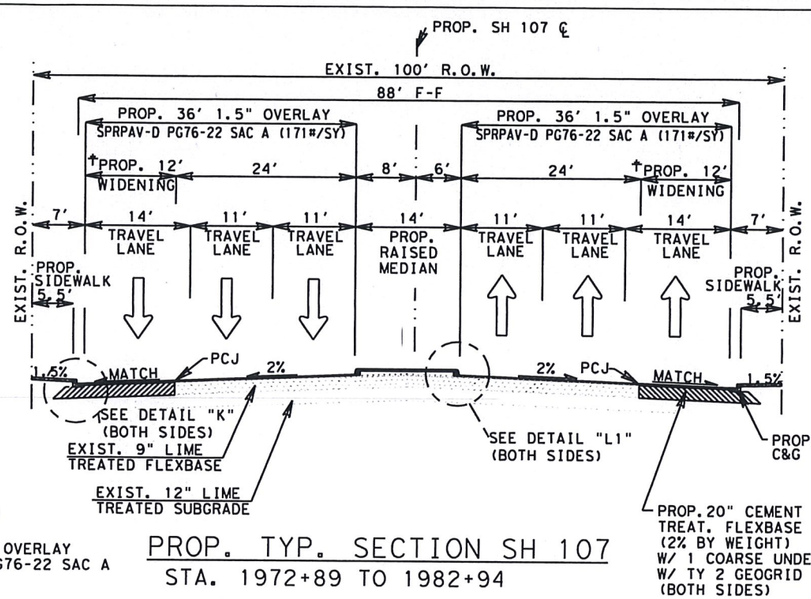


PROP. TYP. SECTION SH 107
STA. 1965+89 TO 1972+89



DETAIL "L1"



PROP. TYP. SECTION SH 107
STA. 1972+89 TO 1982+94

GENERAL NOTES:

114 #/SY IS EQUIVALENT TO 1" IN DEPTH

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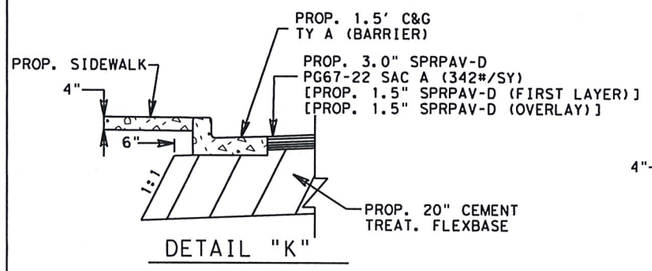
EXISTING ACP & FLEX. BASE (BREAKBACK) TO BE USED AS PART OF PROPOSED EARTH EMBANKMENT THROUGHOUT PROJECT

** SEE DISTRICT STANDARD FOR LANDSCAPE RAVERS FOR DETAILS. ALL MATERIALS NEEDED FOR EMBANKMENT ARE SUBSIDIARY TO ITEM 432.



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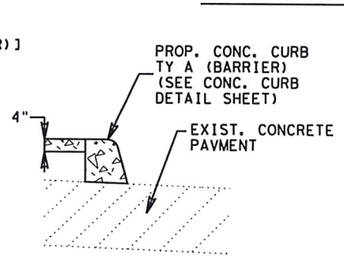

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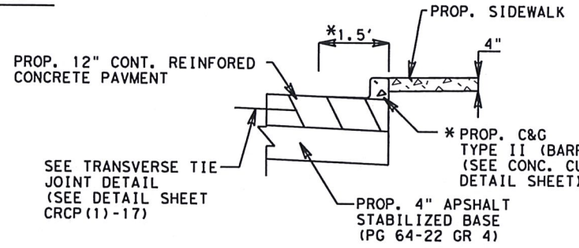

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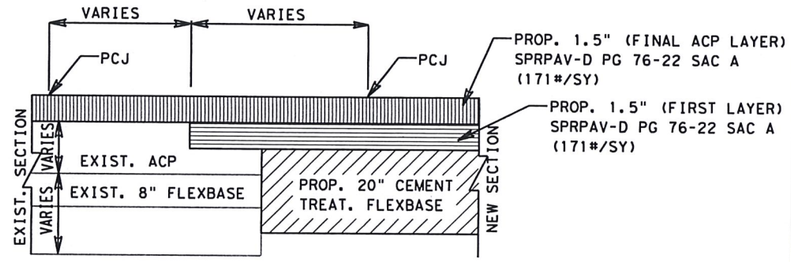
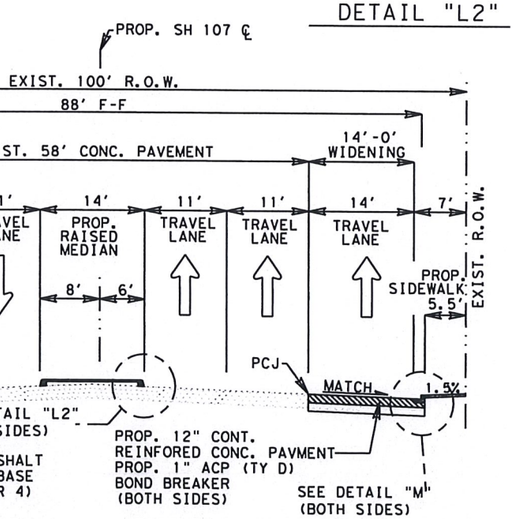
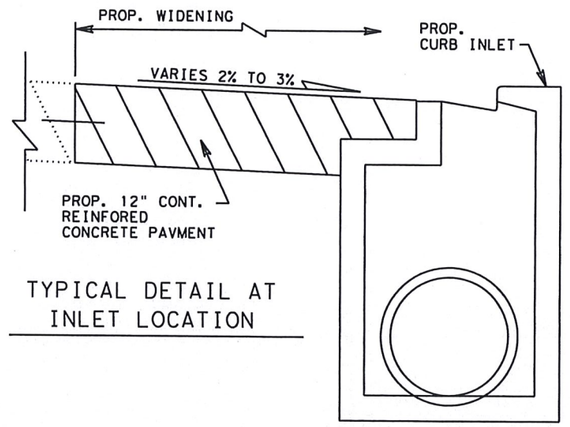


CONSTRUCTION JOINT DETAIL

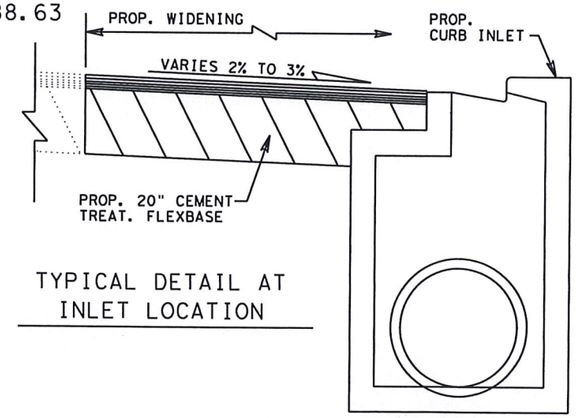
*PROP. 1.5' C & G
BEGINS STA. 1965+88.63



PROP. TYP. SECTION SH 107
STA. 1982+94 TO 1985+66



TYPICAL DETAIL AT INLET LOCATION



TYPICAL DETAIL AT INLET LOCATION

SCALE: NTS

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PROPOSED TYPICAL SECTIONS

SHEET 6 OF 6 SHEETS

FED.RD. DIV.NO.	PROJECT NO.		SHEET NO.
6	STP 2019 (085)		16
STATE	STATE DIST. NO.	COUNTY	
TEXAS	21	HIDALGO	
CONT.	SECT.	JOB	HIGHWAY NO.
0342	01	074	SH 107

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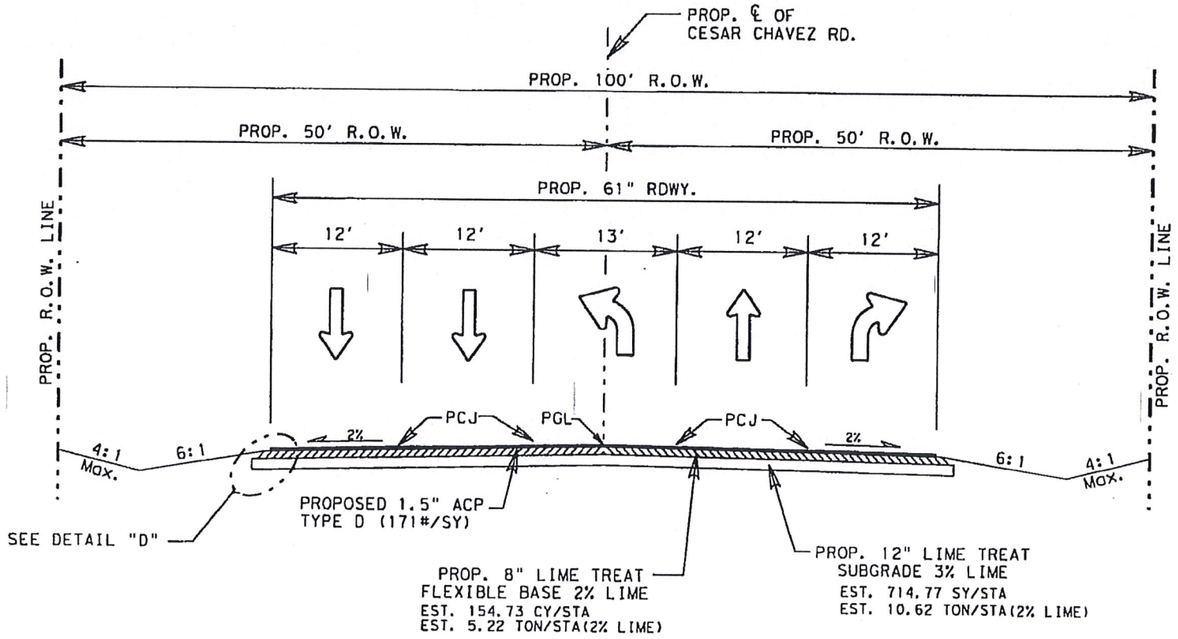
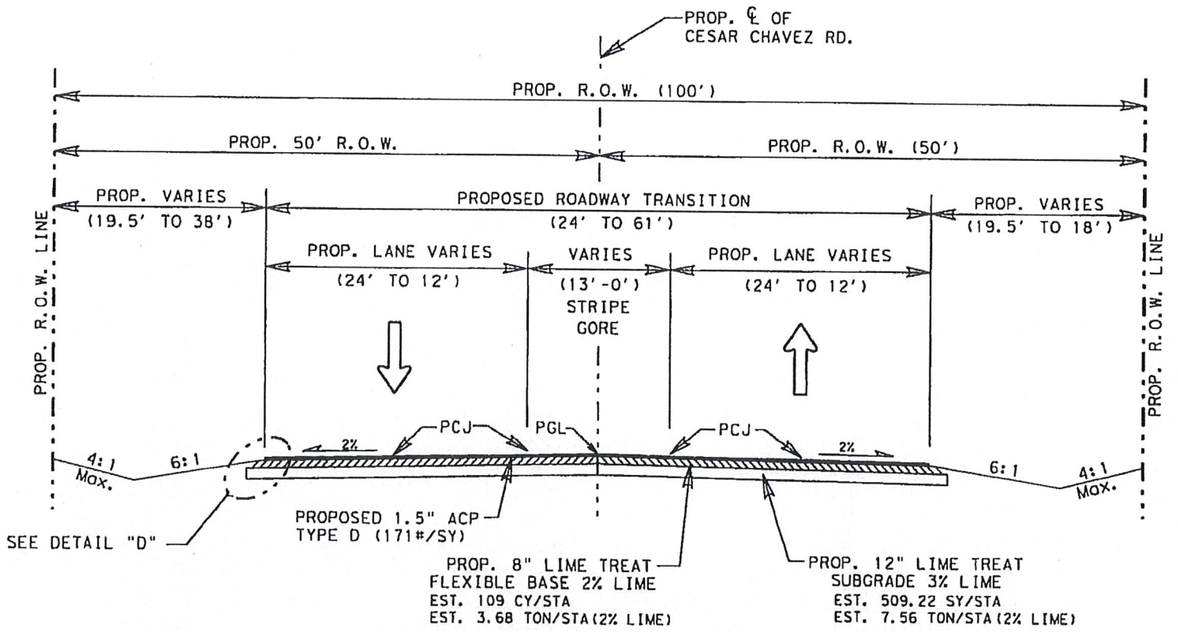


PROP. TYP. SECTION @ CESAR CHAVEZ RD.

STA. 1+00.00 TO STA. 2+09.99



PROP. TRANSITION DETOUR @ CESAR CHAVEZ ROAD

STA. 2+09.99 TO STA. 9+79.92

GENERAL NOTES:

114 #/SY IS EQUIVALENT TO 1" IN DEPTH

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WHERE REQUIRED BY FIXTURES OR UNUSUAL CONDITIONS, THE GOVERNING SLOPES MAY BE VARIED WHEN SPECIFICALLY DIRECTED BY THE ENGINEER.

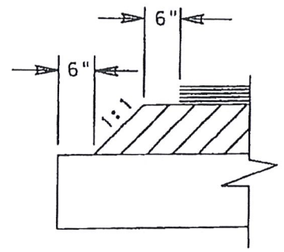
THE COMPLETE BASE SHALL BE ROLLED BEFORE THE EARTH SHOULDER IS SHAPED AND FINAL COMPACTION SHALL BE DONE OVER THE BASE AND THE EDGE OF THE SHOULDER.

ALL GRADING SHALL BE WITHIN R.O.W. LIMITS

THE SUBGRADE SHALL BE SHAPED AS PER DETAILS "D".

THE % LIME SHOWN ON TYPICAL SECTIONS FOR ITEM 247 "FLEX. BASE" IS SEPARATE FROM LIME WHICH MAY BE REQUIRED TO MEET P.I. AND TRIAXIAL REQUIREMENTS ADDED AT CONTRACTOR'S EXPENSE.

THE TOP 4" OF FLEX. BASE SHALL BE NEW (TY E GR .4) IF SALVAGE IS INCORPORATED INTO FLEX. BASE.



DETAIL "D"
(BOTH SIDES)

STATE OF TEXAS
VALENTE OLIVAREZ, JR.
93792
LICENSED
PROFESSIONAL ENGINEER
11-14-08

CESAR CHAVEZ RD.
PROPOSED
TYPICAL SECTIONS

SHEET 1 OF 1 SHEETS

SCALE: NTS

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FED. RD. DIV. NO.	PROJECT NO.		SHEET NO.
6			17
STATE	STATE DIST. NO.	COUNTY	
TEXAS	PHR	HIDALGO	
CONT.	SECT.	JOB	HIGHWAY NO.
0342	01	074	SH 107

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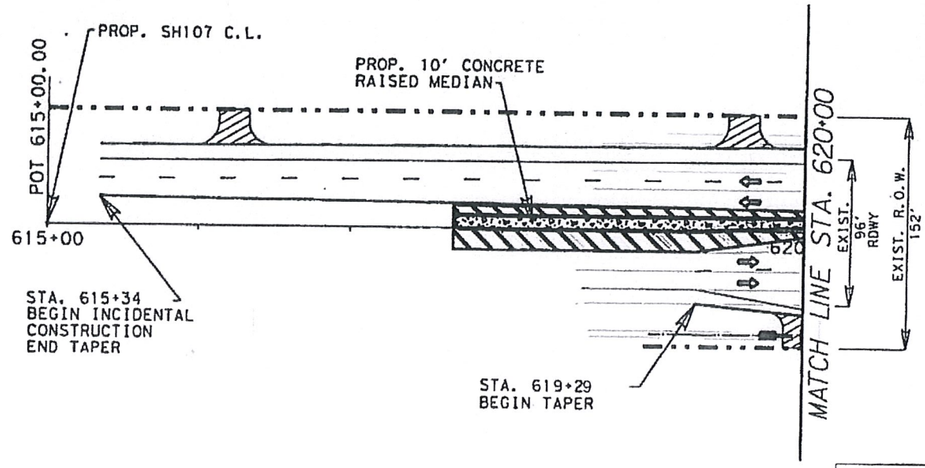


LEGEND:

- ★ TO BE REMOVED UNDER ITEM 100 "PREPARATION OF R.O.W."
- PROP. DRIVEWAY/TURNOUT
- PROP. CONCRETE DRIVEWAY
- PROP. PLANING (1.5")
- PROP. S.E.T.
- EXIST. INLET/MANH TO BE ADJUSTED/CAPPED
- EXISTING INLET TO BE REMOVED
- EXIST. STR. TO BE REMOVED
- EXIST. PIPE TO BE PLUGGED
- PROP. OBJECT MARKER-(OM-2Z) (FLX) GRD (BI)

N

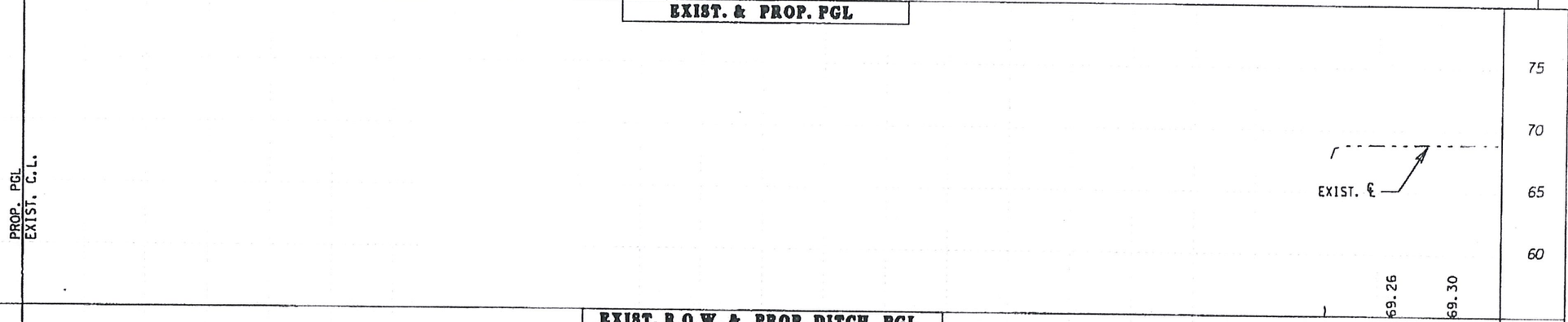
SHEET TOTALS

ITEM	EST.	UNIT	DESCRIPTION

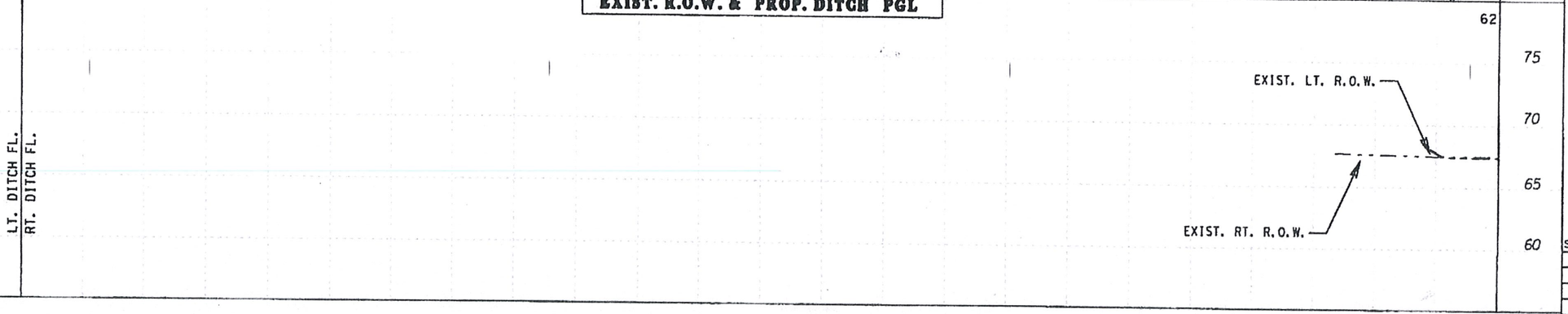
NOTE:

ALL UTILITIES ARE SHOWN FOR INFORMATION PURPOSES ONLY. THE CONTRACTOR SHALL COORDINATE WITH ALL UTILITY COMPANIES TO FIELD VERIFY UTILITIES PRIOR TO CONSTRUCTION.

EXIST. & PROP. PGL



EXIST. R.O.W. & PROP. DITCH PGL



Texas Department of Transportation

STATE OF TEXAS
VALENTE OLIVAREZ, JR.
93792
LICENSED PROFESSIONAL ENGINEER

VALENTE OLIVAREZ, JR. 11-19-08 DATE

LEGEND:

- PROP. SH 107 P.G.L.
- EXIST. NAT. GRD.

LEGEND:

- EXIST. LT. R.O.W. LINE
- EXIST. RT. R.O.W. LINE
- PROP. LT. DITCH FL.
- PROP. RT. DITCH FL.

SH 107
PLAN & PROFILE

SHEET 1A OF 32 SHEETS

SCALE: HOR.: 1:100, VERT.: 1:10 © 2008 TxDOT

FED. RD. DIV. NO.	PROJECT NO.	SHEET NO.
6		157

STATE	DIST.	COUNTY
TEXAS	21	HIDALGO

CONT.	SECT.	JOB	HIGHWAY NO.
0342	01	074	SH 107

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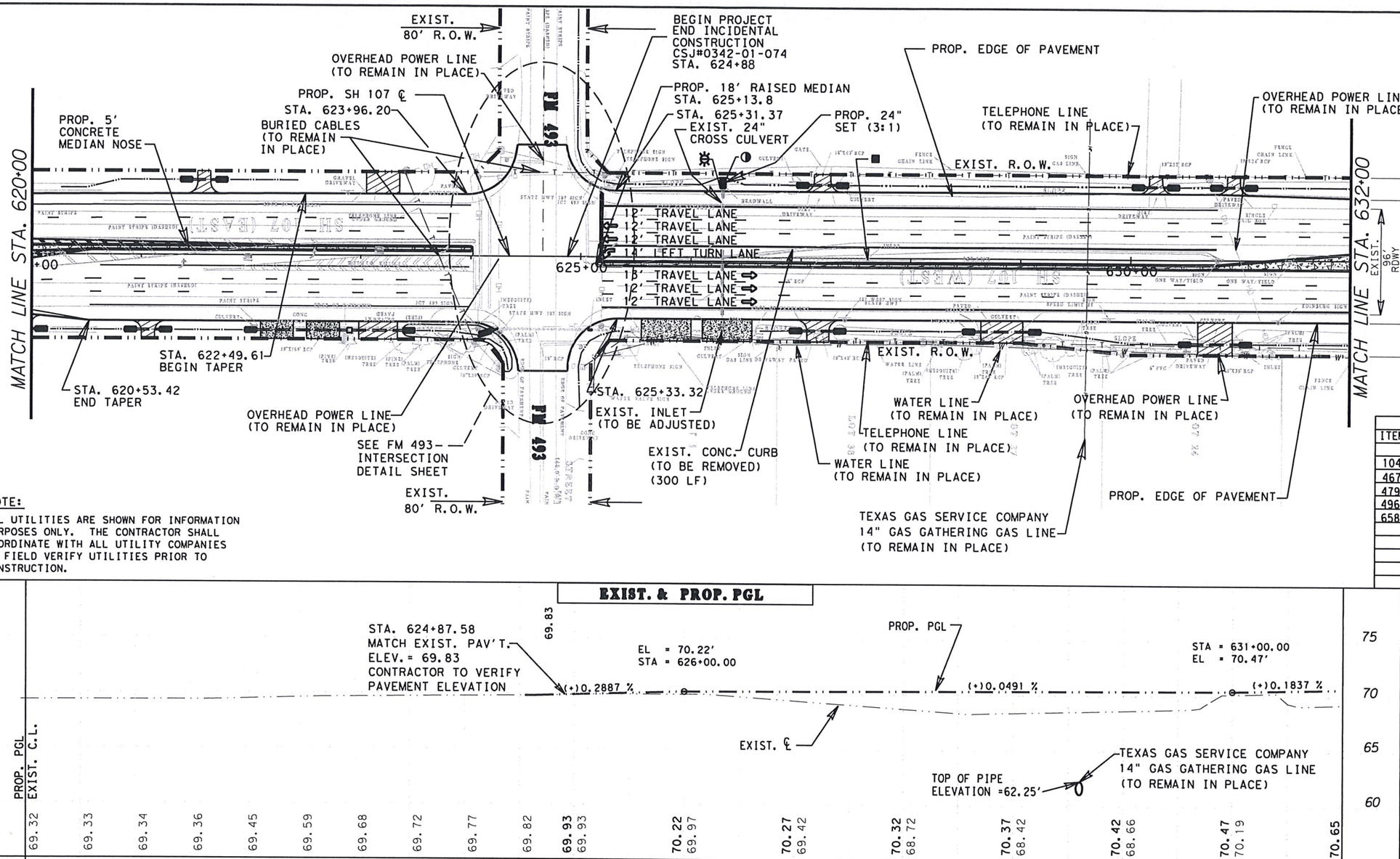


LEGEND:

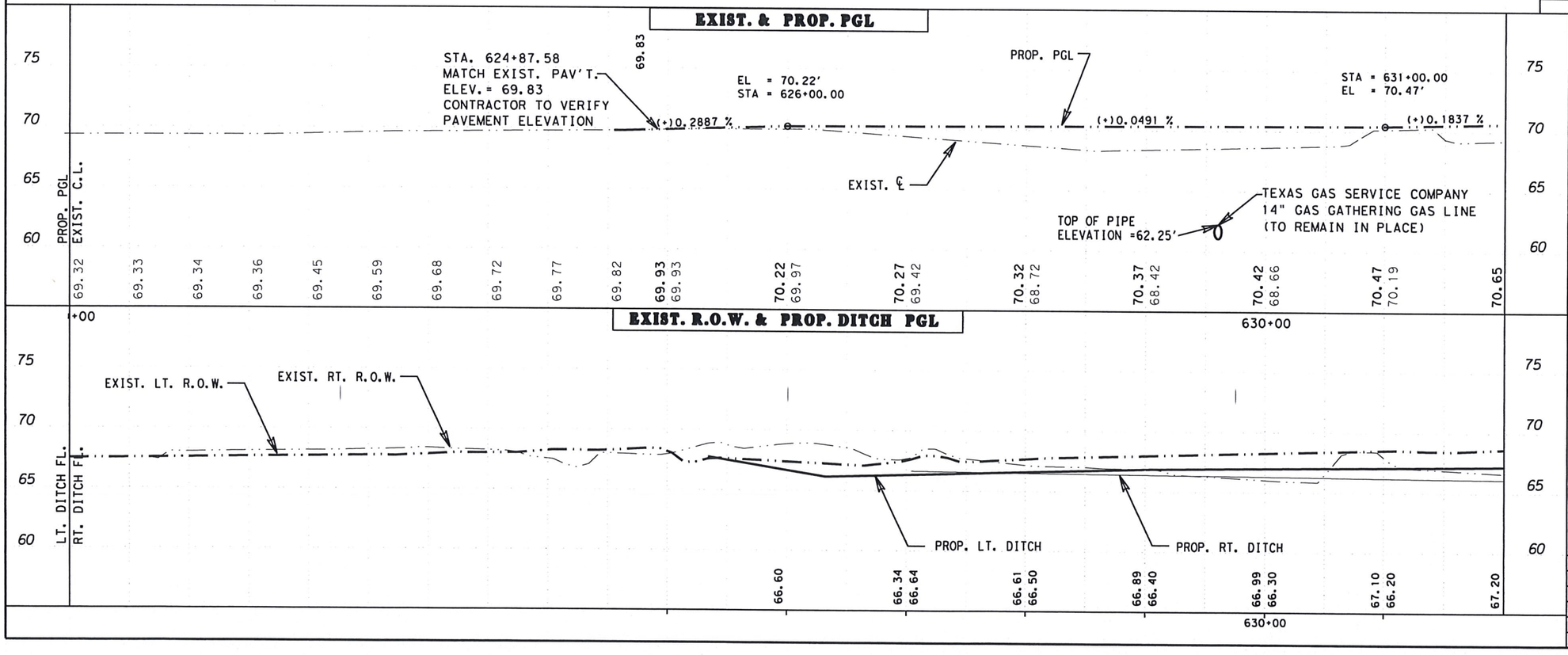
- ★ TO BE REMOVED UNDER ITEM 100 "PREPARATION OF R.O.W."
- PROP. DRIVEWAY/TURNOUT
- PROP. CONCRETE DRIVEWAY
- PROP. PLANING (1.5")
- PROP. S.E.T.
- EXIST. INLET/MANH TO BE ADJUSTED/CAPPED
- EXISTING INLET TO BE REMOVED
- EXIST. STR. TO BE REMOVED
- EXIST. PIPE TO BE PLUGGED
- PROP. OBJECT MARKER-(OM-2Z) (FLX) GRD (BI)

NOTE:

ALL UTILITIES ARE SHOWN FOR INFORMATION PURPOSES ONLY. THE CONTRACTOR SHALL COORDINATE WITH ALL UTILITY COMPANIES TO FIELD VERIFY UTILITIES PRIOR TO CONSTRUCTION.

SHEET TOTALS

ITEM	EST.	UNIT	DESCRIPTION
104	300	LF	REMOVING CONC (CURB)
467	1	EA	SAFETY END TREATMENT (24") (3:1)
479	1	EA	ADJUST MANHOLES & INLETS (CAP)
496	1	EA	REMOVE STRUCTURES (HEADWALL)
658	1	EA	OBJECT MRK-(OM-2Z) (FLX) GRD (BI)



LEGEND:

- PROP. SH 107 P.G.L.
- EXIST. NAT. GRD.

LEGEND:

- EXIST. LT. R.O.W. LINE
- EXIST. RT. R.O.W. LINE
- PROP. LT. DITCH FL.
- PROP. RT. DITCH FL.

Texas Department of Transportation

STATE OF TEXAS
VALENTE OLIVAREZ, JR.
93792
LICENSED PROFESSIONAL ENGINEER
11-19-18

SH 107 PLAN & PROFILE

SHEET 1B OF 32 SHEETS

SCALE: HOR.: 1:100, VERT.: 1:10 © 2008 TxDOT

FED. RD. DIV. NO.	PROJECT NO.		SHEET NO.
6			157B
STATE	DIST.	COUNTY	
TEXAS	21	HIDALGO	
CONT.	SECT.	JOB	HIGHWAY NO.
0342	01	074	SH 107

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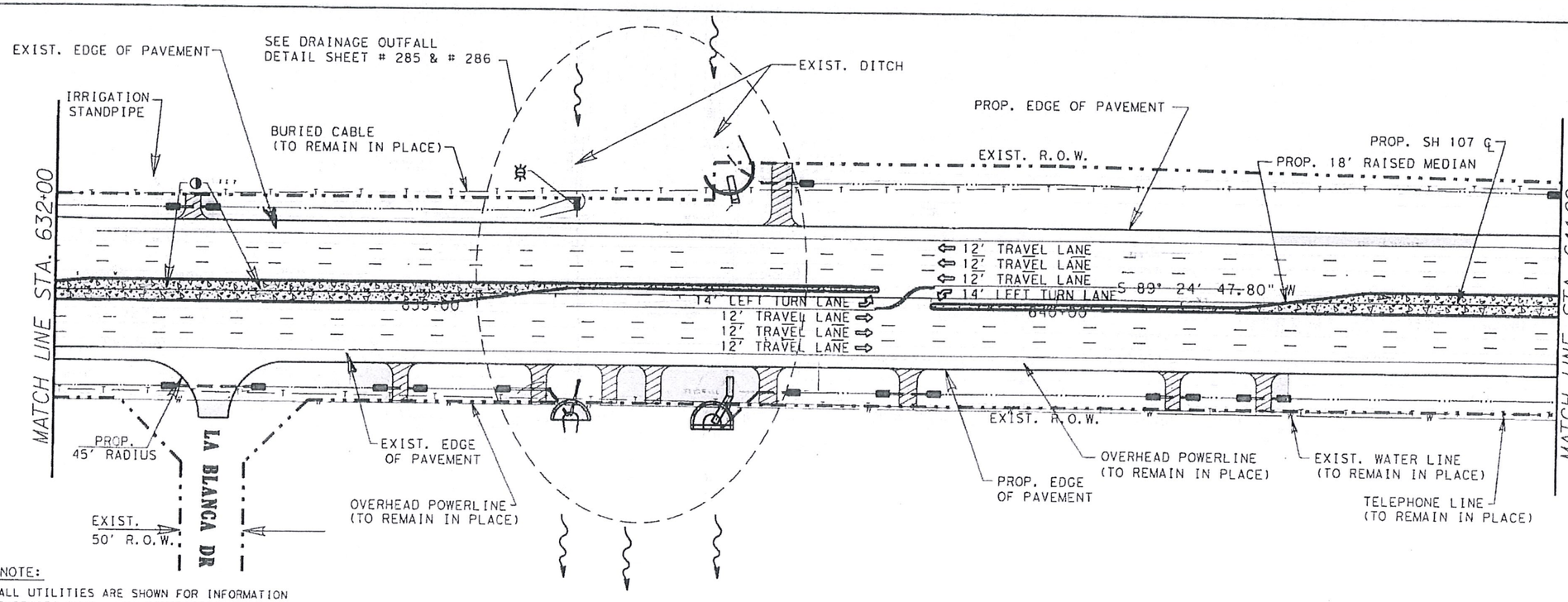

LEGEND:

- ★ TO BE REMOVED UNDER ITEM 100 "PREPARATION OF R.O.W."
- PROP. DRIVEWAY/TURNOUT
- PROP. CONCRETE DRIVEWAY
- PROP. PLANING (1.5")
- PROP. S.E.T.
- EXIST. INLET/MANH TO BE ADJUSTED/CAPPED
- EXISTING INLET TO BE REMOVED
- EXIST. STR. TO BE REMOVED
- EXIST. PIPE TO BE PLUGGED
- PROP. OBJECT MARKER-(OM-2Z) (FLX) GRD (BI)

NOTE:

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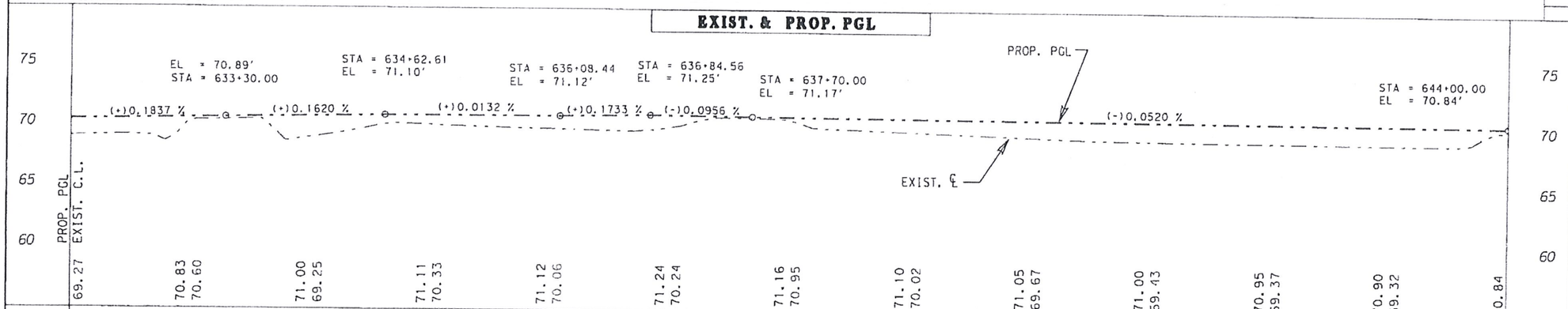
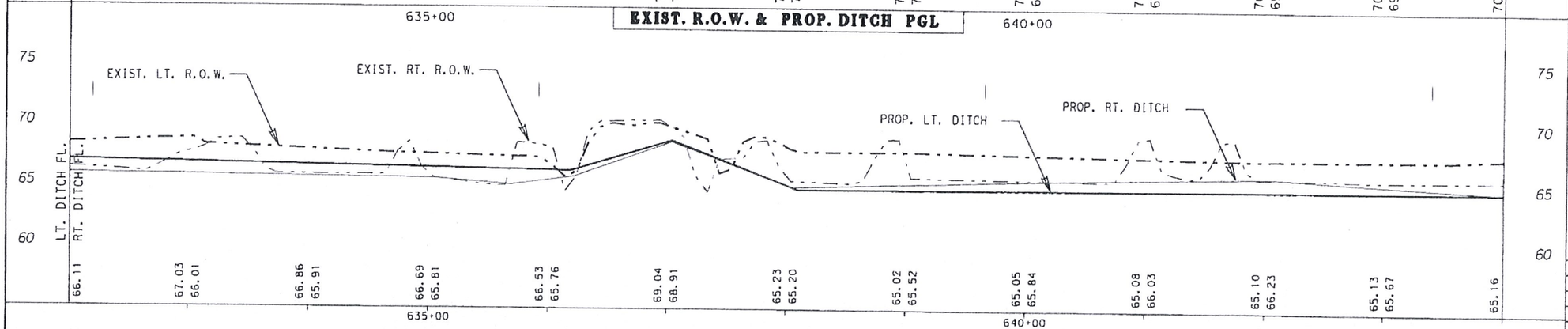
SHEET TOTALS

ITEM	EST.	UNIT	DESCRIPTION
496	2	EA	REMOVE STRUCTURES (S.E.T.)
658	1		OBJECT MRK-(OM-2Z)(FLX)GRD(BI

EXIST. & PROP. PGL



EXIST. R.O.W. & PROP. DITCH PGL



LEGEND:

- PROP. SH 107 P.G.L.
- EXIST. NAT. GRD.

LEGEND:

- EXIST. LT. R.O.W. LINE
- EXIST. RT. R.O.W. LINE
- PROP. LT. DITCH FL.
- PROP. RT. DITCH FL.

Texas Department of Transportation

STATE OF TEXAS
VALENTE OLIVAREZ, JR.
93792
LICENSED PROFESSIONAL ENGINEER

11-19-08
VALENTE OLIVAREZ, JR. DATE

SH 107
PLAN & PROFILE

SHEET 2 OF 32 SHEETS

SCALE: HOR.: 1:100, VERT.: 1:10 © 2008 TxDOT

FED.RD. DIV.NO.	PROJECT NO.	SHEET NO.
6		158

STATE	DIST.	COUNTY
TEXAS	21	HIDALGO

CONT.	SECT.	JOB	HIGHWAY NO.
0342	01	074	SH 107

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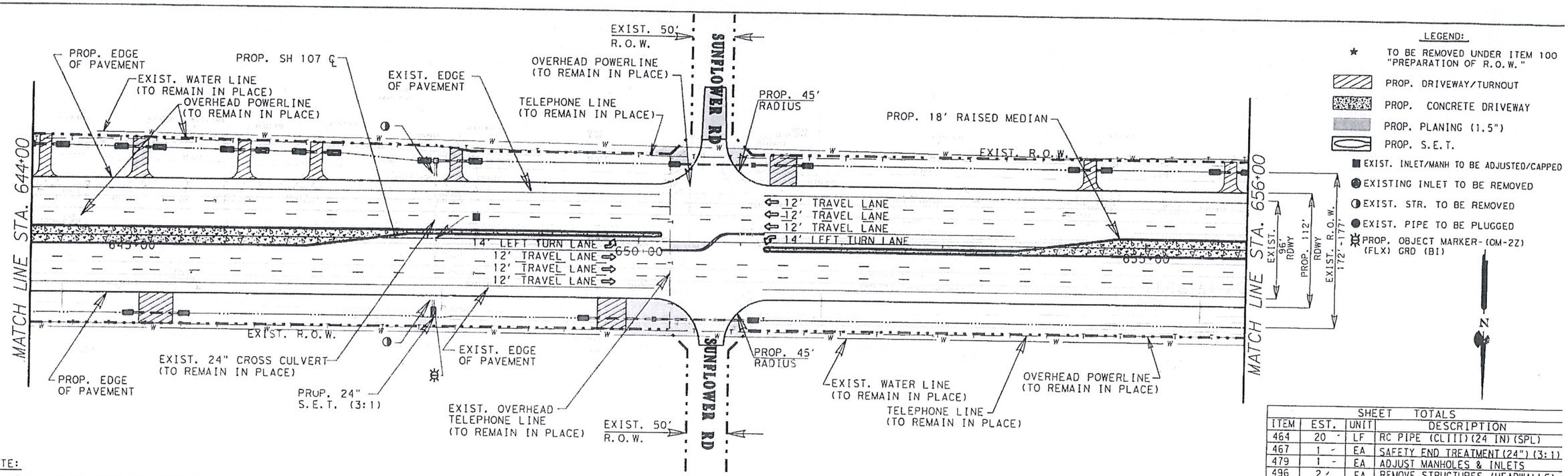


LEGEND:

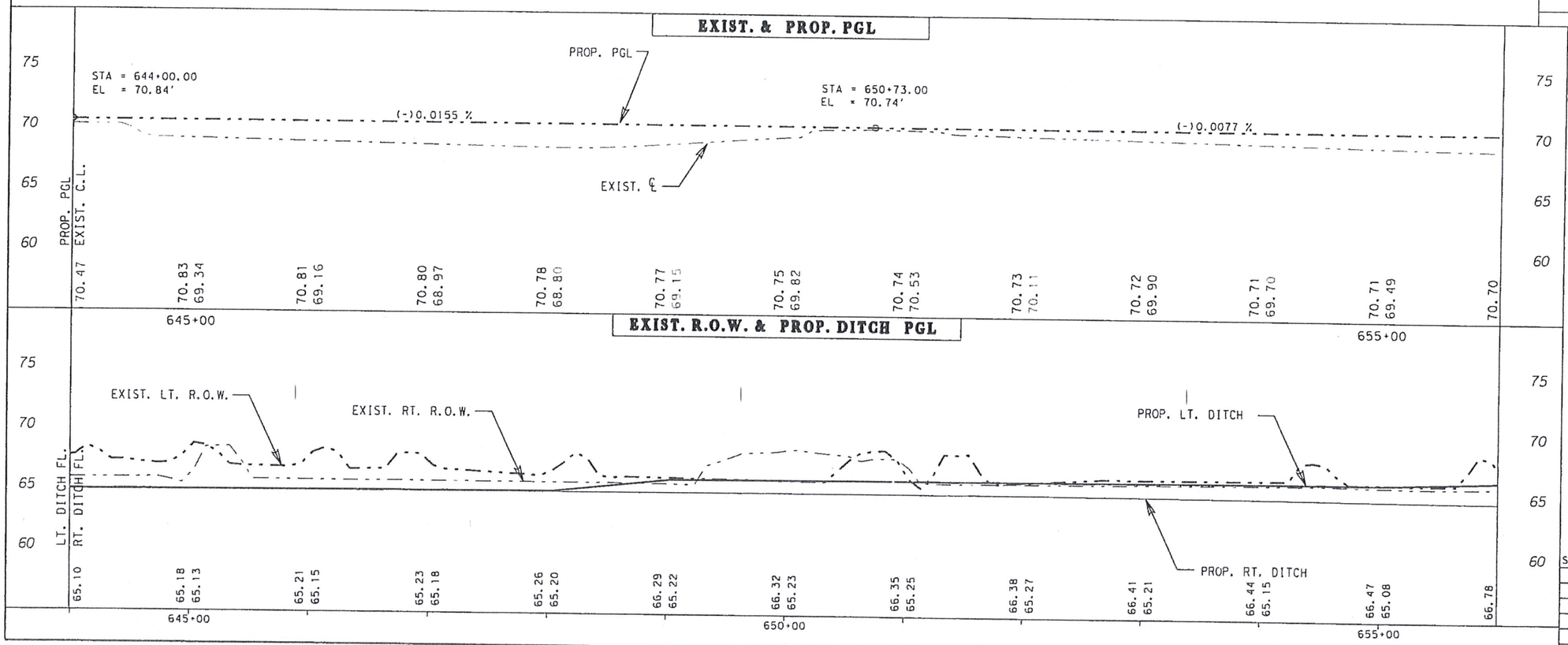
- ★ TO BE REMOVED UNDER ITEM 100 "PREPARATION OF R.O.W."
- PROP. DRIVEWAY/TURNOUT
- PROP. CONCRETE DRIVEWAY
- PROP. PLANING (1.5")
- PROP. S.E.T.
- EXIST. INLET/MANH TO BE ADJUSTED/CAPPED
- EXISTING INLET TO BE REMOVED
- EXIST. STR. TO BE REMOVED
- EXIST. PIPE TO BE PLUGGED
- PROP. OBJECT MARKER-(OM-2Z) (FLX) GRD (BI)

NOTE:

ALL UTILITIES ARE SHOWN FOR INFORMATION PURPOSES ONLY. THE CONTRACTOR SHALL COORDINATE WITH ALL UTILITY COMPANIES TO FIELD VERIFY UTILITIES PRIOR TO CONSTRUCTION.

SHEET TOTALS

ITEM	EST.	UNIT	DESCRIPTION
464	20	LF	RC PIPE (CLIII) (24 IN) (SPL)
467	1	EA	SAFETY END TREATMENT (24") (3:1)
479	1	EA	ADJUST MANHOLES & INLETS
496	2	EA	REMOVE STRUCTURES (HEADWALLS)
658	1	EA	OBJECT MRK-(OM-2Z) (FLX) GRD (BI)



Texas Department of Transportation

STATE OF TEXAS
VALENTE OLIVAREZ, JR.
93792
LICENSED PROFESSIONAL ENGINEER

VALENTE OLIVAREZ, JR. — DATE 11-14-08

LEGEND:

- PROP. SH 107 P.G.L.
- EXIST. NAT. GRD.

LEGEND:

- EXIST. LT. R.O.W. LINE
- EXIST. RT. R.O.W. LINE
- PROP. LT. DITCH FL.
- PROP. RT. DITCH FL.

SH 107
PLAN & PROFILE

SHEET 3 OF 32 SHEETS

SCALE: HOR.: 1:100, VERT.: 1:10 © 2008 TxDOT

FED. RD. DIV. NO.	PROJECT NO.	SHEET NO.
6		159

STATE	DIST.	COUNTY
TEXAS	21	HIDALGO

CONT.	SECT.	JOB	HIGHWAY NO.
0342	01	074	SH 107

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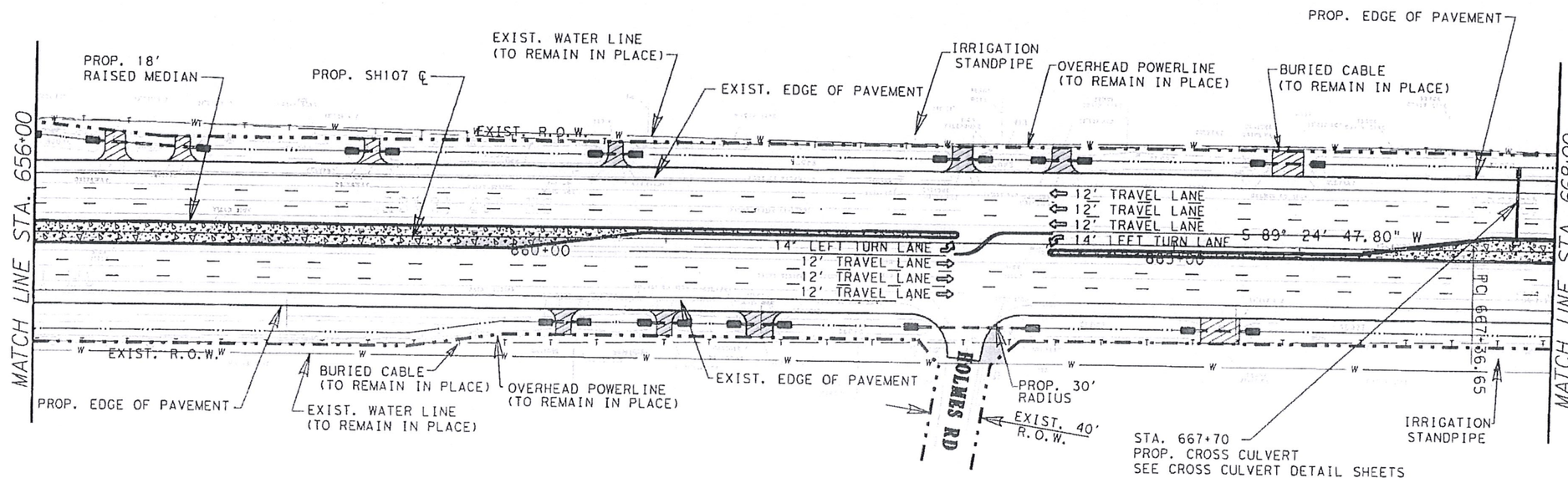

LEGEND:

- ★ TO BE REMOVED UNDER ITEM 100 "PREPARATION OF R.O.W."
- PROP. DRIVEWAY/TURNOUT
- PROP. CONCRETE DRIVEWAY
- PROP. PLANING (1.5")
- PROP. S.E.T.
- EXIST. INLET/MANH TO BE ADJUSTED/CAPPED
- EXISTING INLET TO BE REMOVED
- EXIST. STR. TO BE REMOVED
- EXIST. PIPE TO BE PLUGGED
- PROP. OBJECT MARKER-(OM-2Z) (FLX) GRD (BI)

NOTE:

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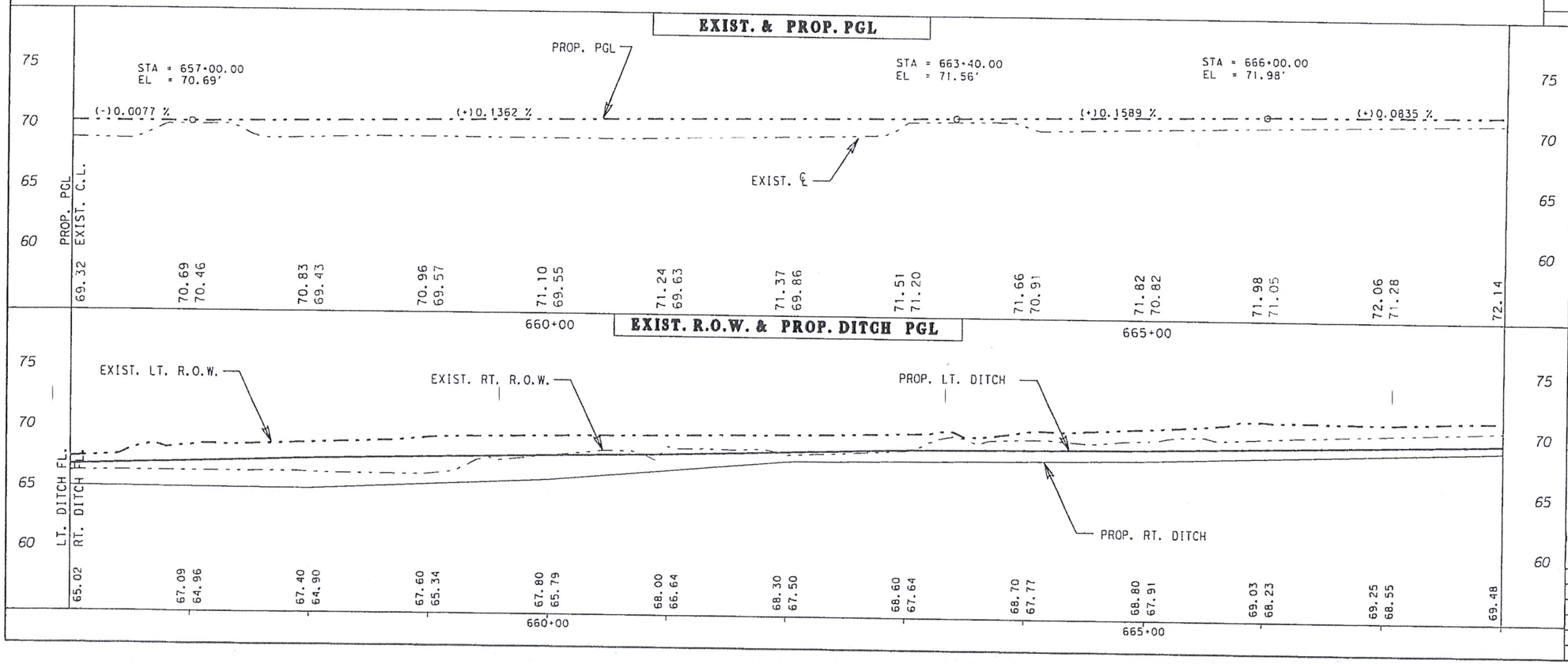
SHEET TOTALS

ITEM	EST.	UNIT	DESCRIPTION



Texas Department of Transportation

STATE OF TEXAS
VALENTE OLIVAREZ, JR.
93792
LICENSED PROFESSIONAL ENGINEER

11-14-08
VALENTE OLIVAREZ, JR. DATE

LEGEND:

- PROP. SH 107 P.G.L.
- EXIST. NAT. GRD.

LEGEND:

- EXIST. LT. R.O.W. LINE
- EXIST. RT. R.O.W. LINE
- PROP. LT. DITCH FL.
- PROP. RT. DITCH FL.

SH 107
PLAN & PROFILE

SHEET 4 OF 32 SHEETS

SCALE: HOR.: 1:100, VERT.: 1:10 © 2008 TxDOT

FED. RD. DIV. NO.	PROJECT NO.	SHEET NO.
6		160

STATE	DIST.	COUNTY	
TEXAS	21	HIDALGO	
CONT.	SECT.	JOB	HIGHWAY NO.
0342	01	074	SH 107

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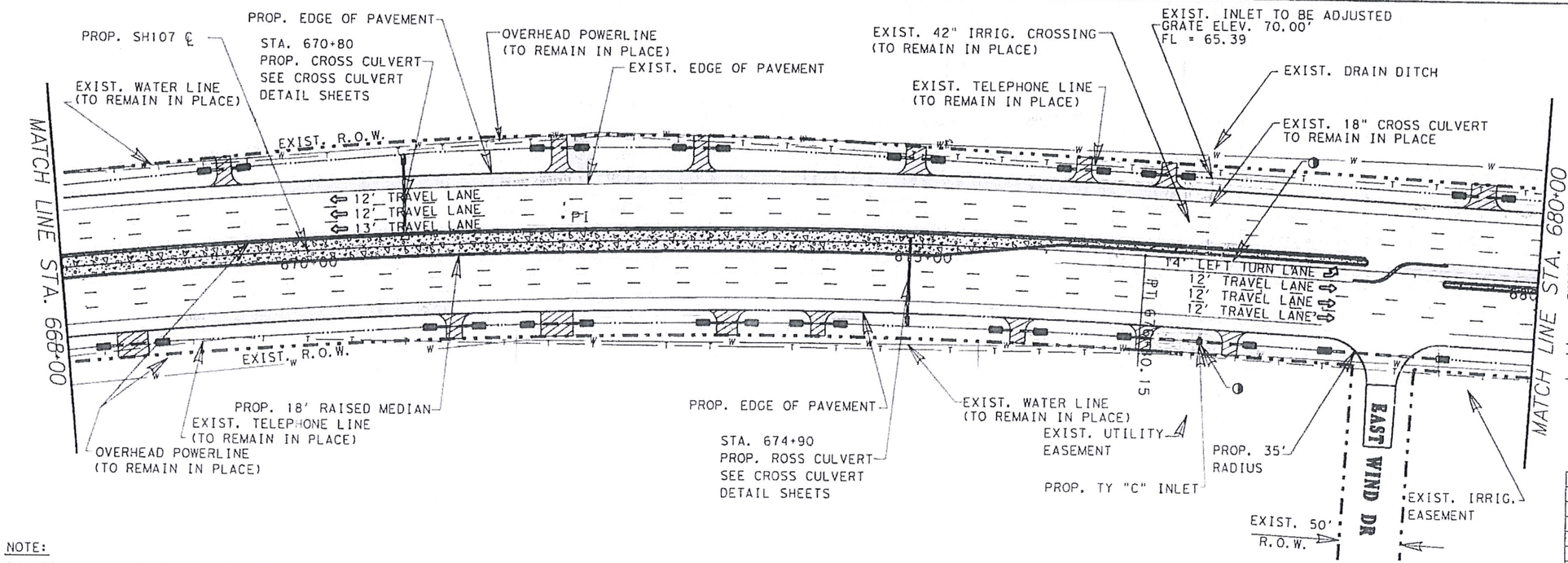

LEGEND:

- ★ TO BE REMOVED UNDER ITEM 100 "PREPARATION OF R.O.W."
- PROP. DRIVEWAY/TURNOUT
- PROP. CONCRETE DRIVEWAY
- PROP. PLANING (1.5")
- PROP. S.E.T.
- EXIST. INLET/MANH TO BE ADJUSTED/CAPPED
- EXISTING INLET TO BE REMOVED
- EXIST. STR. TO BE REMOVED
- EXIST. PIPE TO BE PLUGGED
- PROP. OBJECT MARKER-(OM-2Z) (FLX) GRD (BI)

NOTE:

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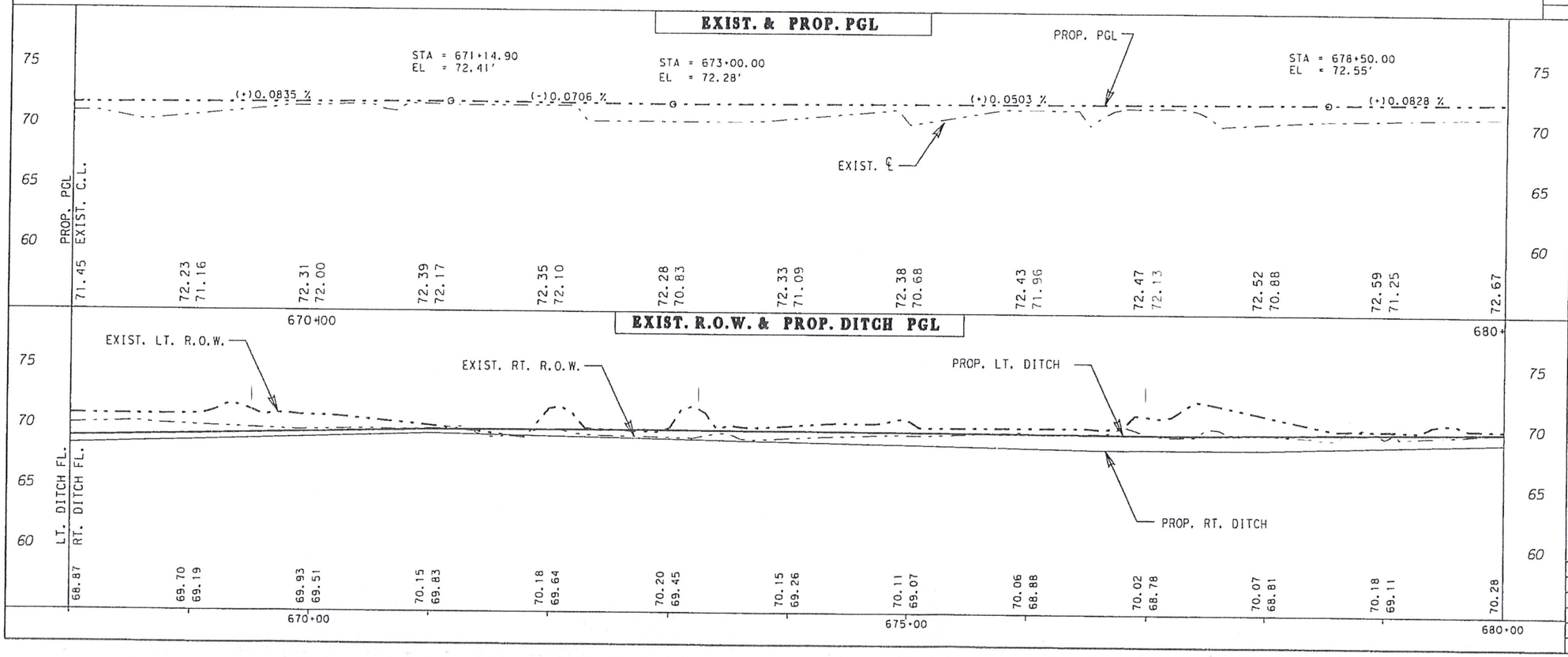
SHEET TOTALS

ITEM	EST.	UNIT	DESCRIPTION
464	8	LF	RC PIPE (CLIII) (18 IN) (SPL)
465	1	EA	INLET (COMPL) (TY C)
479	1	EA	ADJUST MANHOLES & INLETS
496	1	EA	REMOVE STRUCTURES (HEADWALLS)
496	1	EA	REMOVE STRUCTURES (S.E.T.)



Texas Department of Transportation

STATE OF TEXAS
VALENTE OLIVAREZ, JR.
93792
LICENSED
PROFESSIONAL ENGINEER

Valente Olivarez 11/4/08
VALENTE OLIVAREZ, JR. DATE

LEGEND:

- PROP. SH 107 P.G.L.
- EXIST. NAT. GRD.

LEGEND:

- EXIST. LT. R.O.W. LINE
- EXIST. RT. R.O.W. LINE
- PROP. LT. DITCH FL.
- PROP. RT. DITCH FL.

SH 107
PLAN & PROFILE

SHEET 5 OF 32 SHEETS

SCALE: HOR.: 1:100, VERT.: 1:10 © 2008 TxDOT

FED.RD. DIV.NO.	PROJECT NO.		SHEET NO.
6			161
STATE	DIST.	COUNTY	
TEXAS	21	HIDALGO	
CONT.	SECT.	JOB	HIGHWAY NO.
0342	01	074	SH 107

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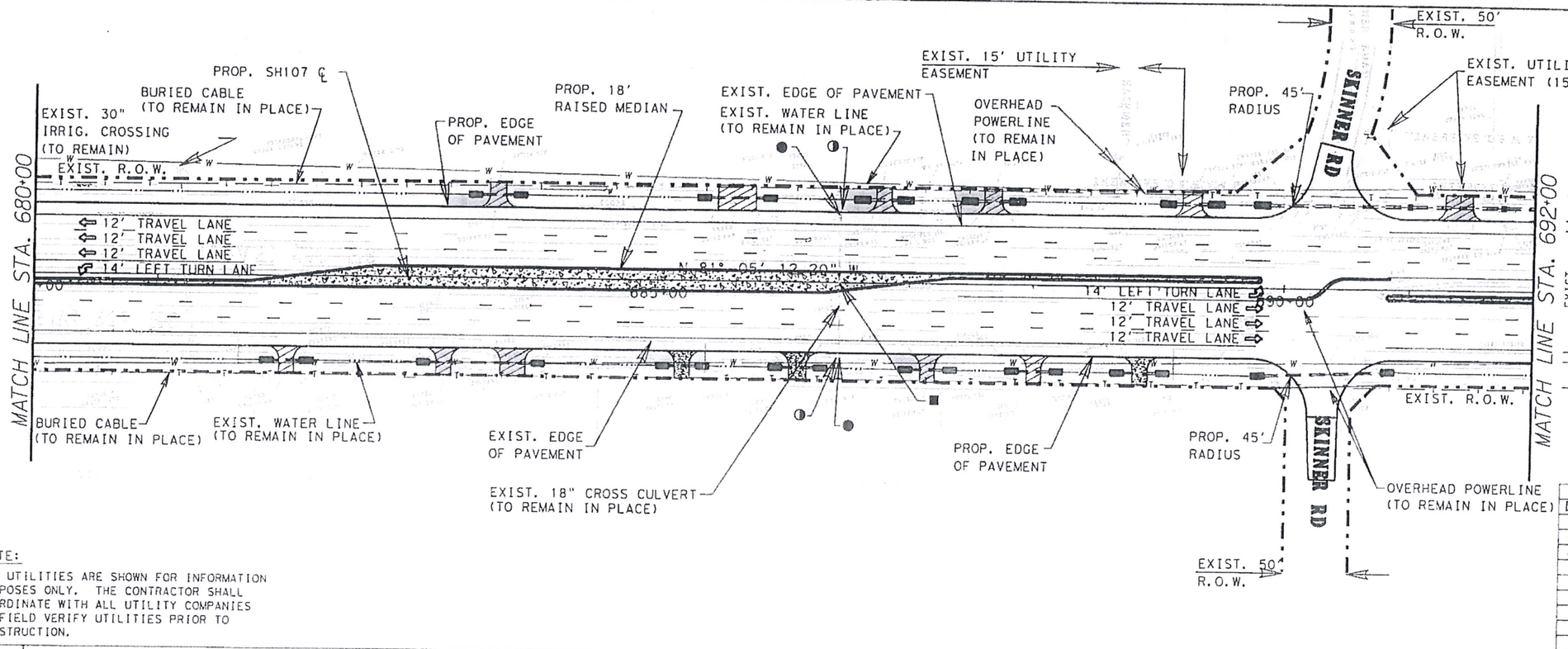
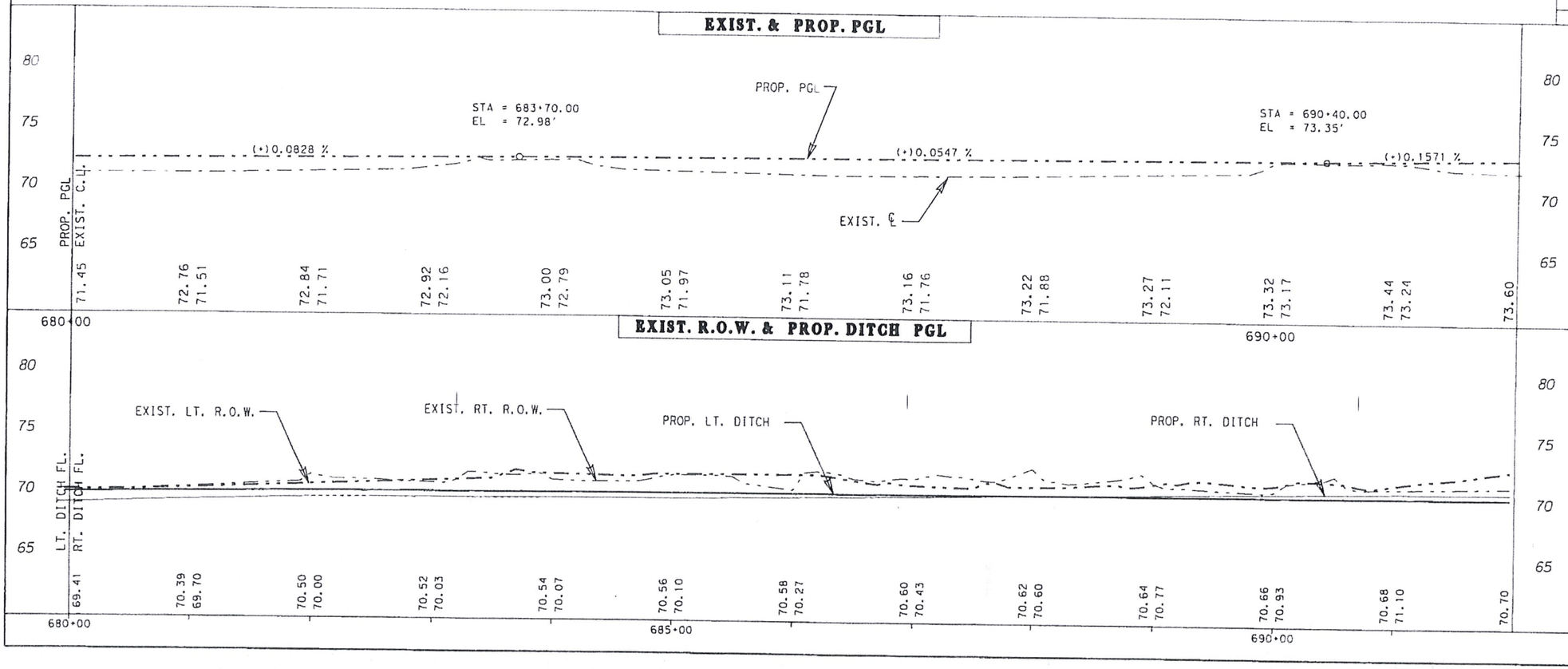


NOTE:

ALL UTILITIES ARE SHOWN FOR INFORMATION PURPOSES ONLY. THE CONTRACTOR SHALL COORDINATE WITH ALL UTILITY COMPANIES TO FIELD VERIFY UTILITIES PRIOR TO CONSTRUCTION.

SHEET TOTALS

ITEM	EST.	UNIT	DESCRIPTION
479	1	EA	ADJUST MANHOLES & INLETS (CAP)
496	1	EA	REMOVE STRUCTURES (HEADWALLS)
496	1	EA	REMOVE STRUCTURES (S.E.T.)



Texas Department of Transportation

STATE OF TEXAS
VALENTE OLIVAREZ, JR.
93792
LICENSED PROFESSIONAL ENGINEER

11-19-08

VALENTE OLIVAREZ, JR. DATE

LEGEND:

PROP. SH 107 P.G.L.

EXIST. NAT. GRD.

LEGEND:

EXIST. LT. R.O.W. LINE

EXIST. RT. R.O.W. LINE

PROP. LT. DITCH FL.

PROP. RT. DITCH FL.

SH 107
PLAN & PROFILE

SHEET 6 OF 32 SHEETS

SCALE: HOR.: 1:100, VERT.: 1:10 © 2008 TxDOT

FED. RD. DIV. NO.	PROJECT NO.	SHEET NO.
6		162

STATE	DIST.	COUNTY
TEXAS	21	HIDALGO

CONT.	SECT.	JOB	HIGHWAY NO.
0342	01	074	SH 107

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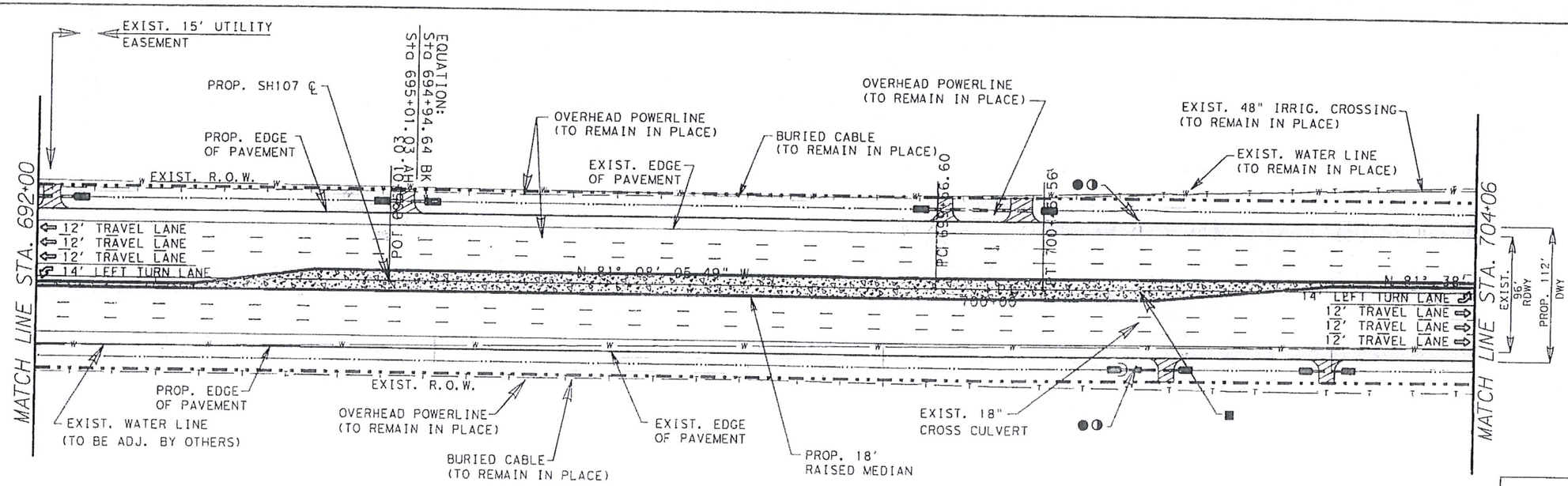

NOTE:

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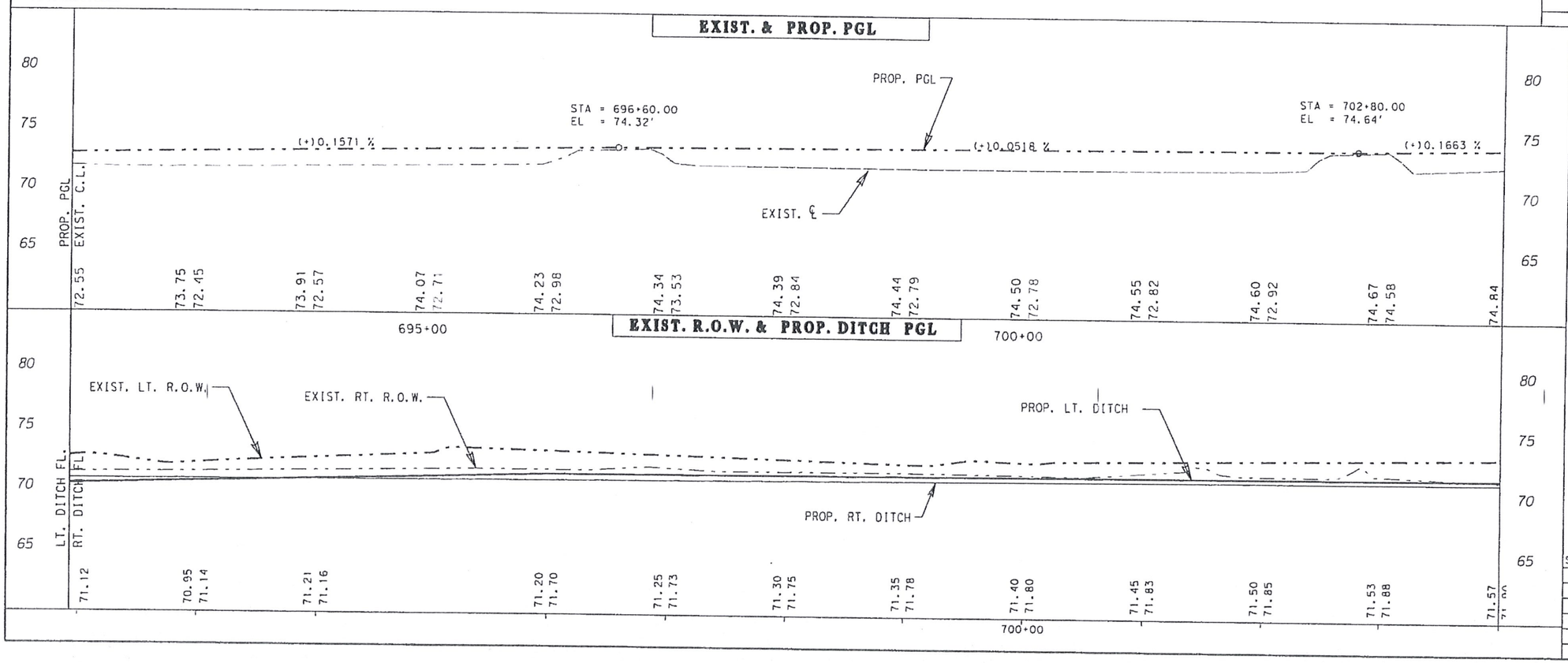
SHEET TOTALS

ITEM	EST.	UNIT	DESCRIPTION
479	1	EA	ADJUST MANHOLES & INLETS (CAP)
496	1	EA	REMOVE STRUCTURES (HEADWALLS)
496	1	EA	REMOVE STRUCTURES (INLET)



Texas Department of Transportation

STATE OF TEXAS
VALENTE OLIVAREZ, JR.
93792
LICENSED PROFESSIONAL ENGINEER

VALENTE OLIVAREZ, JR. DATE 11-19-08

LEGEND:

PROP. SH 107 P.G.L.
EXIST. NAT. GRD.

LEGEND:

EXIST. LT. R.O.W. LINE
EXIST. RT. R.O.W. LINE
PROP. LT. DITCH FL.
PROP. RT. DITCH FL.

SH 107
PLAN & PROFILE

SHEET 7 OF 32 SHEETS

SCALE: HOR.: 1:100, VERT.: 1:10 © 2008 TxDOT

FED.RD. DIV.NO.	PROJECT NO.		SHEET NO.
6			163
STATE	DIST.	COUNTY	
TEXAS	21	HIDALGO	
CONT.	SECT.	JOB	HIGHWAY NO.
0342	01	074	SH 107

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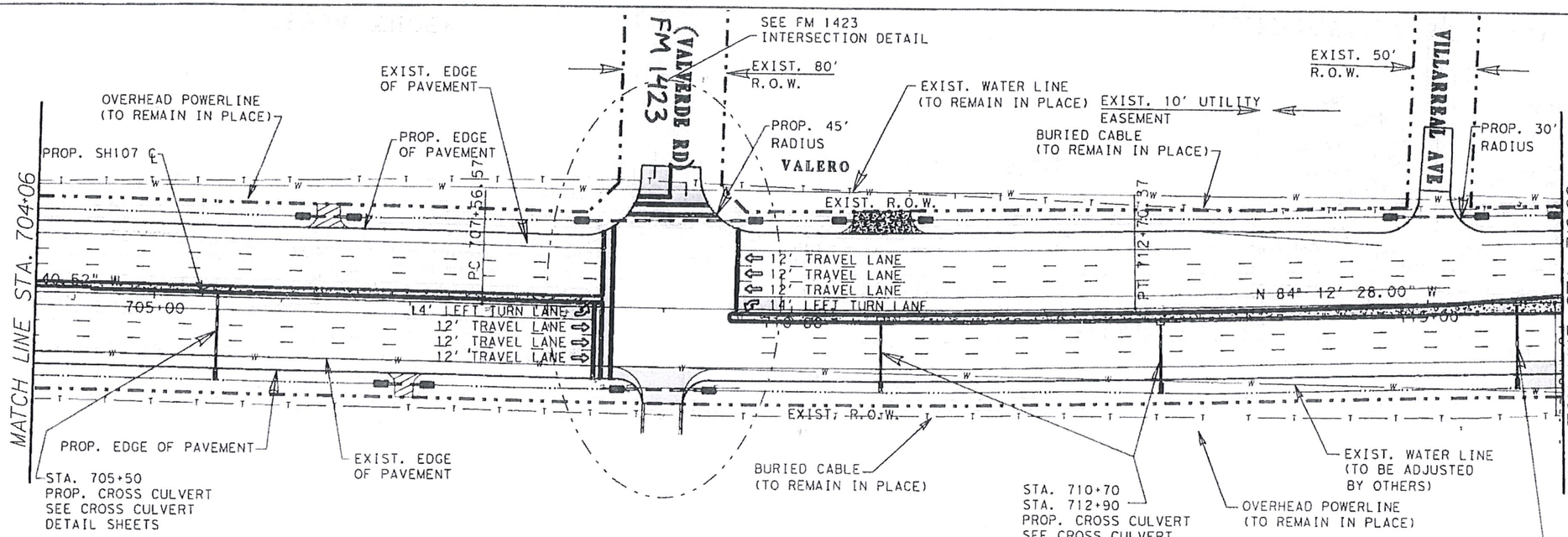

LEGEND:

- ★ TO BE REMOVED UNDER ITEM 100 "PREPARATION OF R.O.W."
- PROP. DRIVEWAY/TURNOUT
- PROP. CONCRETE DRIVEWAY
- PROP. PLANING (1.5")
- PROP. S.E.T.
- EXIST. INLET/MANH TO BE ADJUSTED/CAPPED
- EXISTING INLET TO BE REMOVED
- EXIST. STR. TO BE REMOVED
- EXIST. PIPE TO BE PLUGGED
- PROP. OBJECT MARKER-(OM-2Z) (FLX) GRD (BI)

NOTE:

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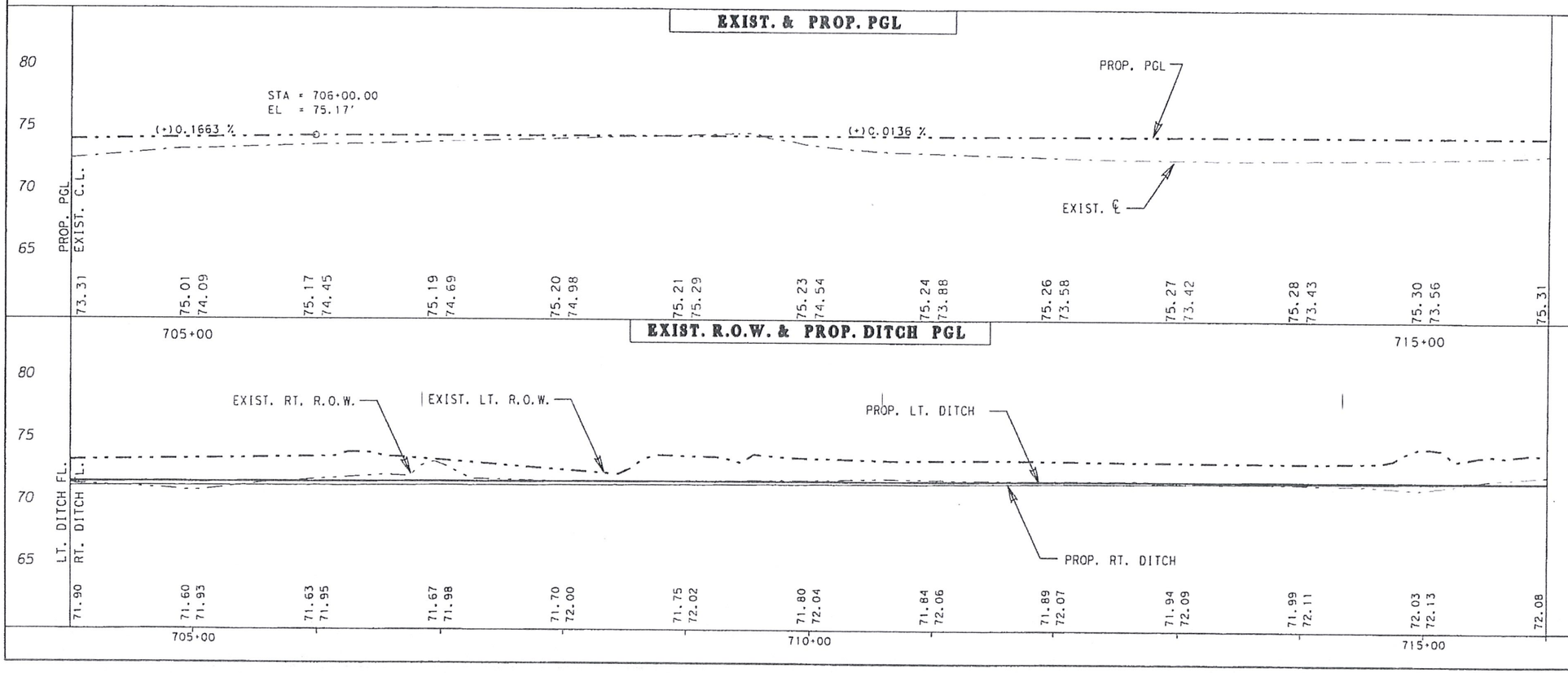
SHEET TOTALS

ITEM	EST.	UNIT	DESCRIPTION



Texas Department of Transportation

STATE OF TEXAS
VALENTE OLIVAREZ, JR.
93792
LICENSED PROFESSIONAL ENGINEER

VALENTE OLIVAREZ, JR. 11-13-08 DATE

LEGEND:

- PROP. SH 107 P.G.L.
- EXIST. NAT. GRD.

LEGEND:

- EXIST. LT. R.O.W. LINE
- EXIST. RT. R.O.W. LINE
- PROP. LT. DITCH FL.
- PROP. RT. DITCH FL.

SH 107
PLAN & PROFILE

SHEET 8 OF 32 SHEETS

SCALE: HOR.: 1:100, VERT.: 1:10 © 2008 TxDOT

FED. RD. DIV. NO.	PROJECT NO.	SHEET NO.
6		164

STATE	DIST.	COUNTY
TEXAS	21	HIDALGO

CONT.	SECT.	JOB	HIGHWAY NO.
0342	01	074	SH 107

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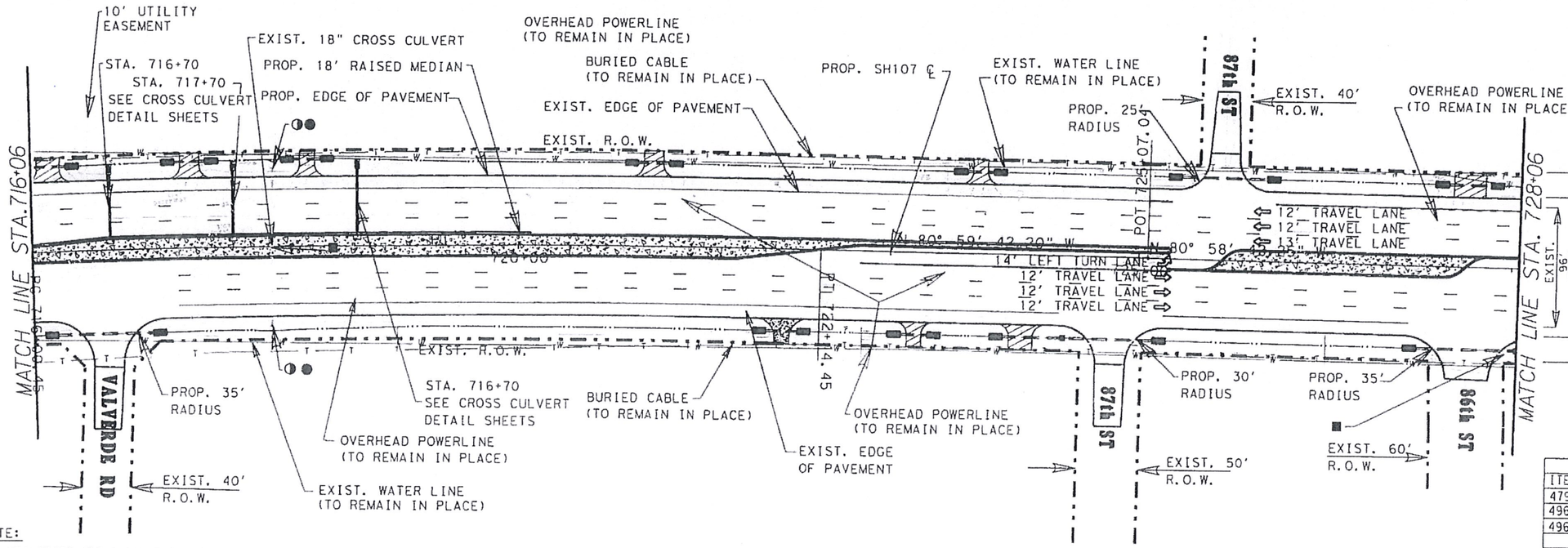

NOTE:

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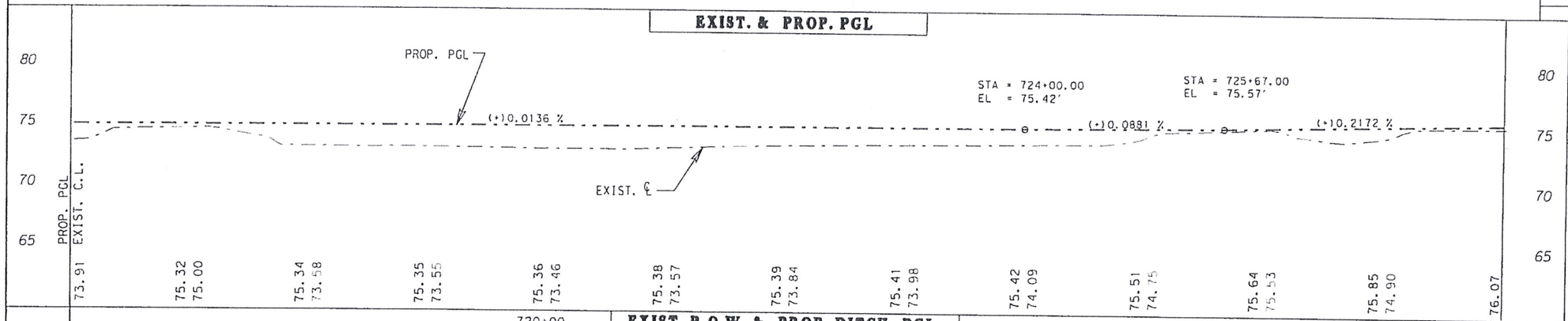
LEGEND:

- ★ TO BE REMOVED UNDER ITEM 100 "PREPARATION OF R.O.W."
- PROP. DRIVEWAY/TURNOUT
- PROP. CONCRETE DRIVEWAY
- PROP. PLANING (1.5")
- PROP. S.E.T.
- EXIST. INLET/MANH TO BE ADJUSTED/CAPPED
- EXISTING INLET TO BE REMOVED
- EXIST. STR. TO BE REMOVED
- EXIST. PIPE TO BE PLUGGED
- PROP. OBJECT MARKER-(OM-2Z) (FLX) GRD (BI)

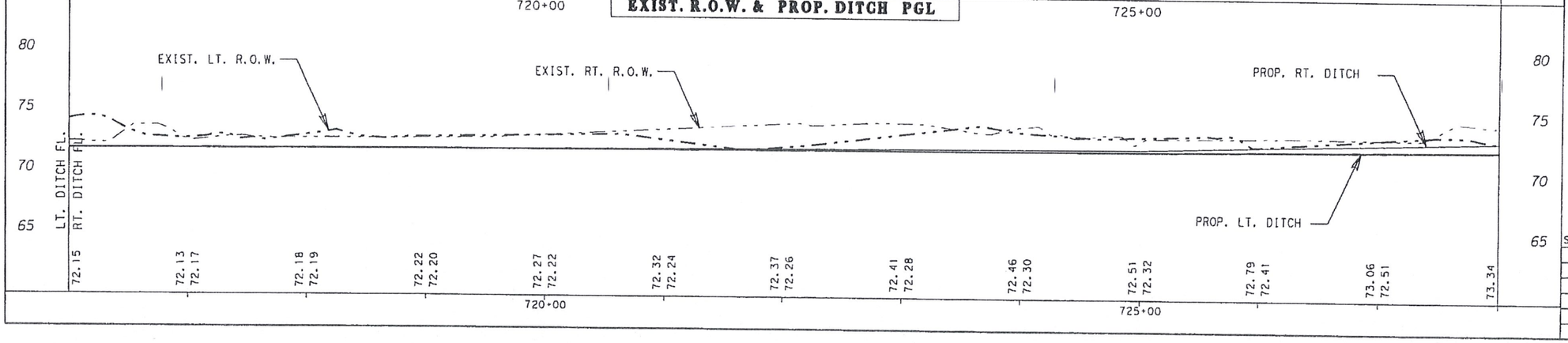
SHEET TOTALS

ITEM	EST.	UNIT	DESCRIPTION
479	1	EA	ADJUST MANHOLES & INLETS (CAP)
496	1	EA	REMOVE STRUCTURES (HEADWALL)
496	1	EA	REMOVE STRUCTURES (S.E.T.)

EXIST. & PROP. PGL



EXIST. R.O.W. & PROP. DITCH PGL



Texas Department of Transportation

STATE OF TEXAS
VALENTE OLIVAREZ, JR.
93792
LICENSED PROFESSIONAL ENGINEER

Valente Olivarez 11-19-08
VALENTE OLIVAREZ, JR. DATE

LEGEND:

- PROP. SH 107 P.G.L.
- EXIST. NAT. GRD.

LEGEND:

- EXIST. LT. R.O.W. LINE
- EXIST. RT. R.O.W. LINE
- PROP. LT. DITCH FL.
- PROP. RT. DITCH FL.

SH 107
PLAN & PROFILE

SHEET 9 OF 32 SHEETS

SCALE: HOR.: 1:100, VERT.: 1:10 © 2008 TxDOT

FED. RD. DIV. NO.	PROJECT NO.	SHEET NO.
6		165

STATE	DIST.	COUNTY
TEXAS	21	HIDALGO

CONT.	SECT.	JOB	HIGHWAY NO.
0342	01	074	SH 107

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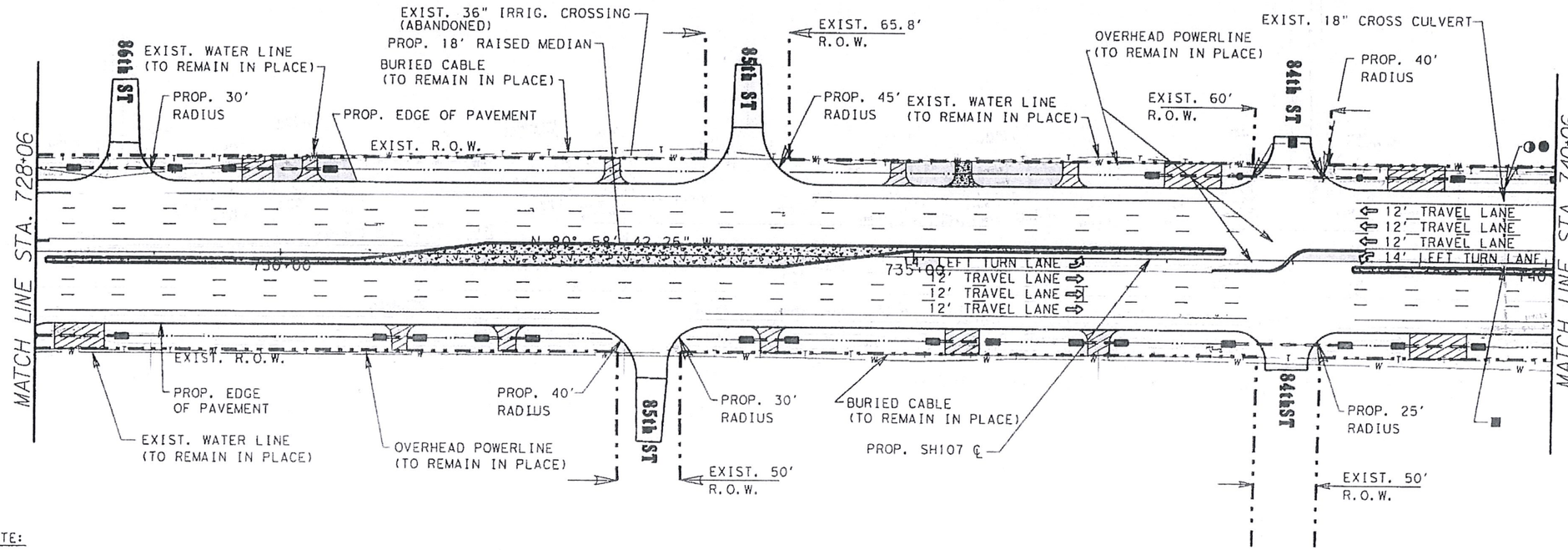

NOTE:

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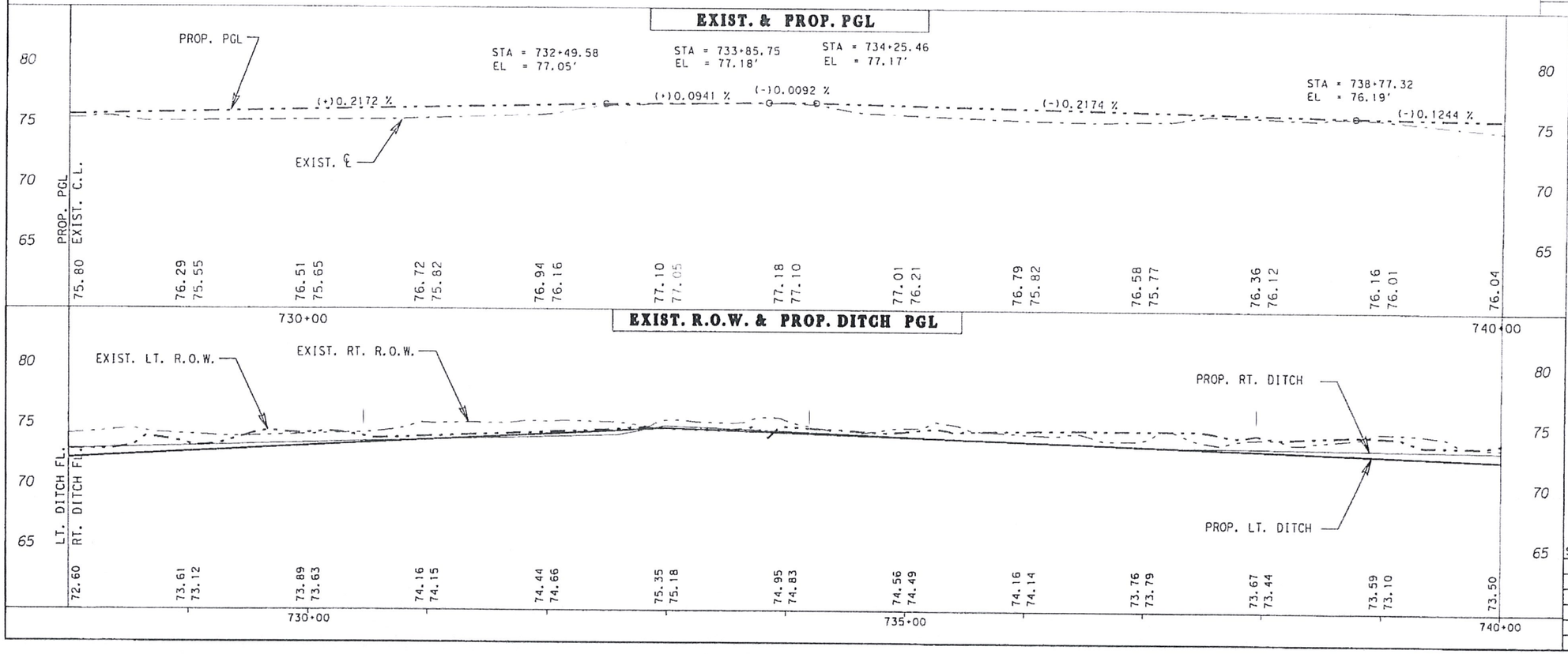
SHEET TOTALS

ITEM	EST.	UNIT	DESCRIPTION
479	1	EA	ADJUST MANHOLES & INLETS (CAP)
496	1	EA	REMOVE STRUCTURES (HEADWALL)



Texas Department of Transportation

STATE OF TEXAS
VALENTE OLIVAREZ, JR.
93792
LICENSED PROFESSIONAL ENGINEER

VALENTE OLIVAREZ, JR. — DATE 11-4-08

LEGEND:

PROP. SH 107 P.G.L.
EXIST. NAT. GRD.

LEGEND:

EXIST. LT. R.O.W. LINE
EXIST. RT. R.O.W. LINE
PROP. LT. DITCH FL.
PROP. RT. DITCH FL.

SH 107
PLAN & PROFILE

SHEET 10 OF 32 SHEETS

SCALE: HOR.: 1:100, VERT.: 1:10 © 2008 TxDOT

FED.RD. DIV.NO.	PROJECT NO.	SHEET NO.
6		166

STATE	DIST.	COUNTY	
TEXAS	21	HIDALGO	
CONT.	SECT.	JOB	HIGHWAY NO.
0342	01	074	SH 107

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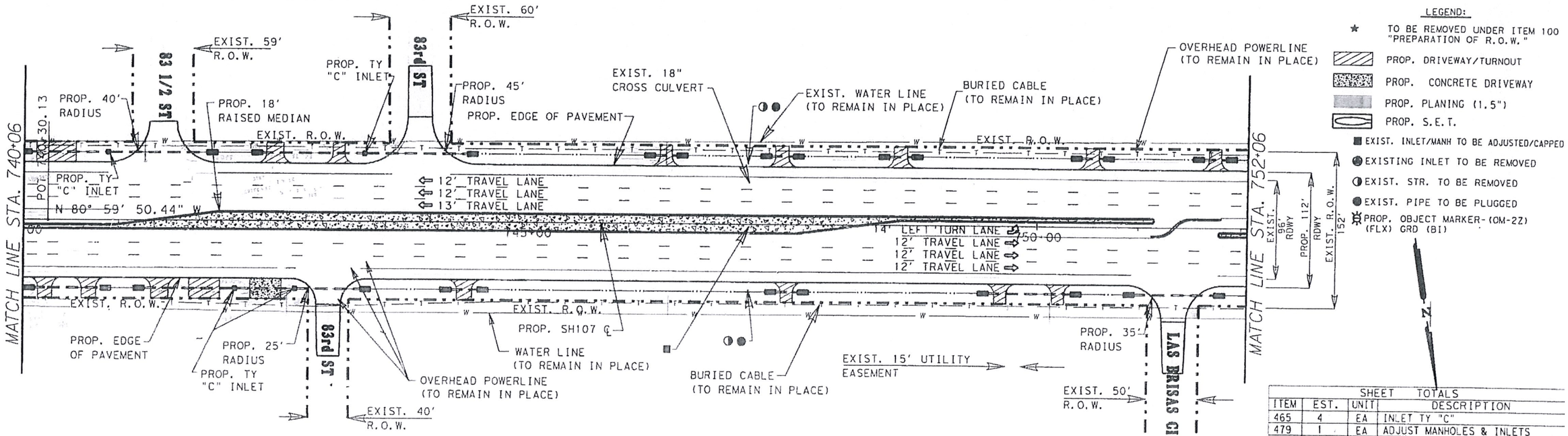

LEGEND:

- ★ TO BE REMOVED UNDER ITEM 100 "PREPARATION OF R.O.W."
- PROP. DRIVEWAY/TURNOUT
- PROP. CONCRETE DRIVEWAY
- PROP. PLANING (1.5")
- PROP. S.E.T.
- EXIST. INLET/MANH TO BE ADJUSTED/CAPPED
- EXISTING INLET TO BE REMOVED
- EXIST. STR. TO BE REMOVED
- EXIST. PIPE TO BE PLUGGED
- PROP. OBJECT MARKER-(OM-2Z) (FLX) GRD (BI)

NOTE:

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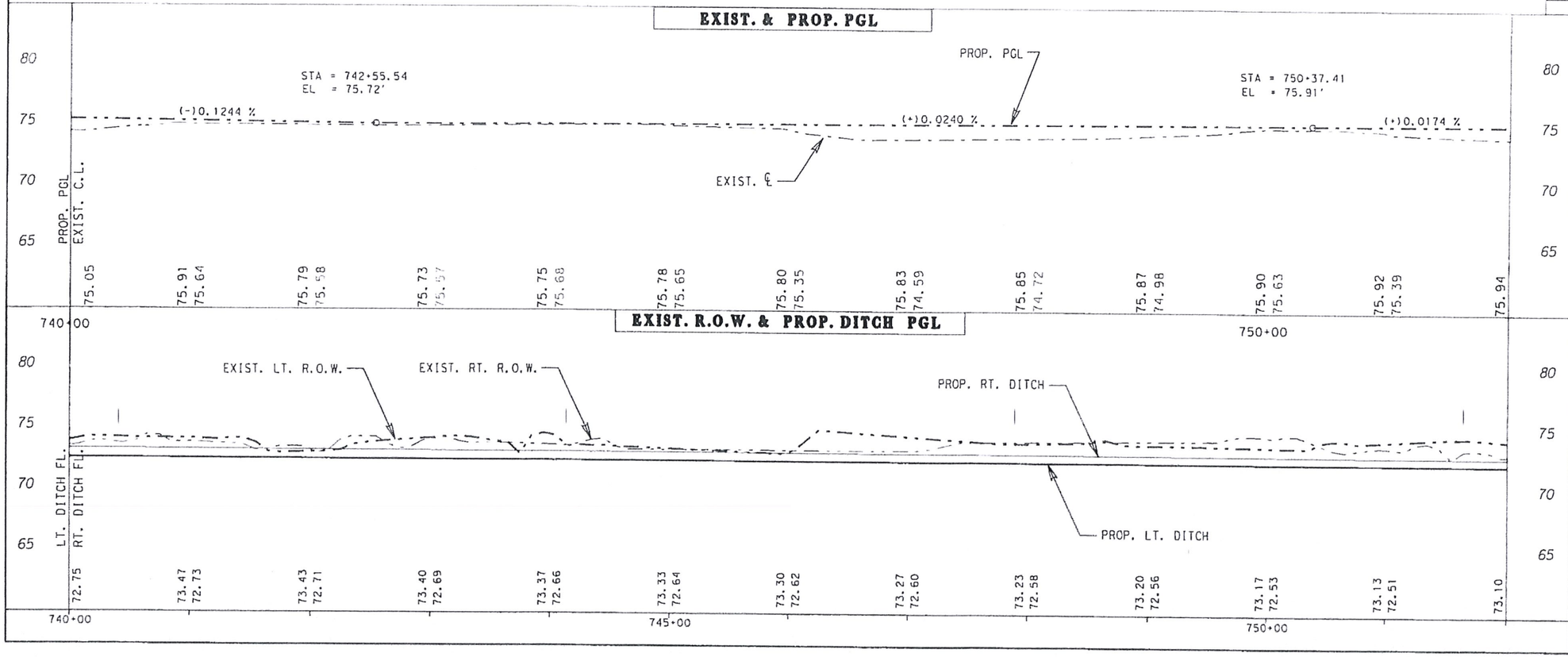
SHEET TOTALS

ITEM	EST.	UNIT	DESCRIPTION
465	4	EA	INLET TY "C"
479	1	EA	ADJUST MANHOLES & INLETS
496	1	EA	REMOVE STRUCTURES (HEADWALL)
496	1	EA	REMOVE STRUCTURES (S.E.T.)



Texas Department of Transportation

STATE OF TEXAS
VALENTE OLIVAREZ, JR.
93792
LICENSED PROFESSIONAL ENGINEER

Valente Olivarez 11-4-08
VALENTE OLIVAREZ, JR. DATE

LEGEND:

- PROP. SH 107 P.G.L.
- EXIST. NAT. GRD.

LEGEND:

- EXIST. LT. R.O.W. LINE
- EXIST. RT. R.O.W. LINE
- PROP. LT. DITCH FL.
- PROP. RT. DITCH FL.

SH 107
PLAN & PROFILE

SHEET 11 OF 32 SHEETS

SCALE: HOR.: 1:100, VERT.: 1:10 © 2008 TxDOT

FED.RD. DIV.NO.	PROJECT NO.	SHEET NO.
6		167

STATE	DIST.	COUNTY
TEXAS	21	HIDALGO

CONT.	SECT.	JOB	HIGHWAY NO.
0342	01	074	SH 107

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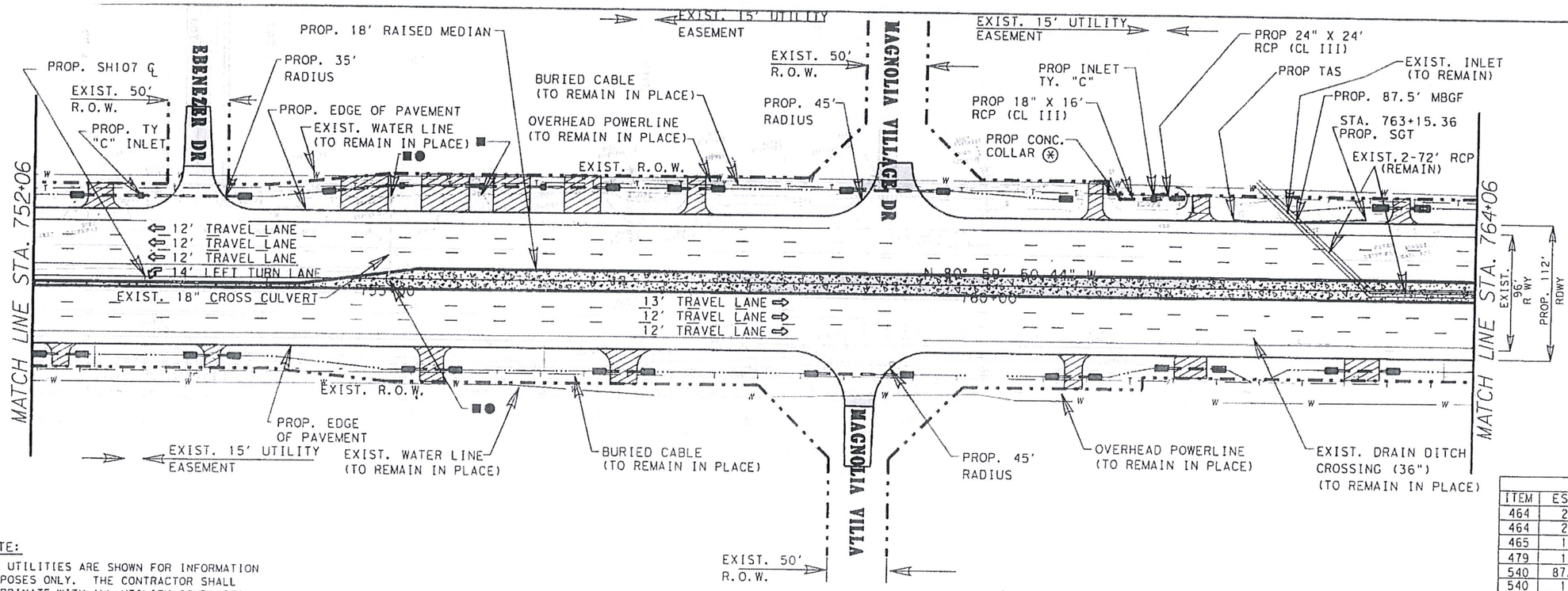


LEGEND:

- ★ TO BE REMOVED UNDER ITEM 100 "PREPARATION OF R.O.W."
- PROP. DRIVEWAY/TURNOUT
- PROP. CONCRETE DRIVEWAY
- PROP. PLANING (1.5")
- PROP. S.E.T.
- EXIST. INLET/MANH TO BE ADJUSTED/CAPPED
- EXISTING INLET TO BE REMOVED
- EXIST. STR. TO BE REMOVED
- EXIST. PIPE TO BE PLUGGED
- PROP. OBJECT MARKER-(OM-2Z) (FLX) GRD (BI)

N

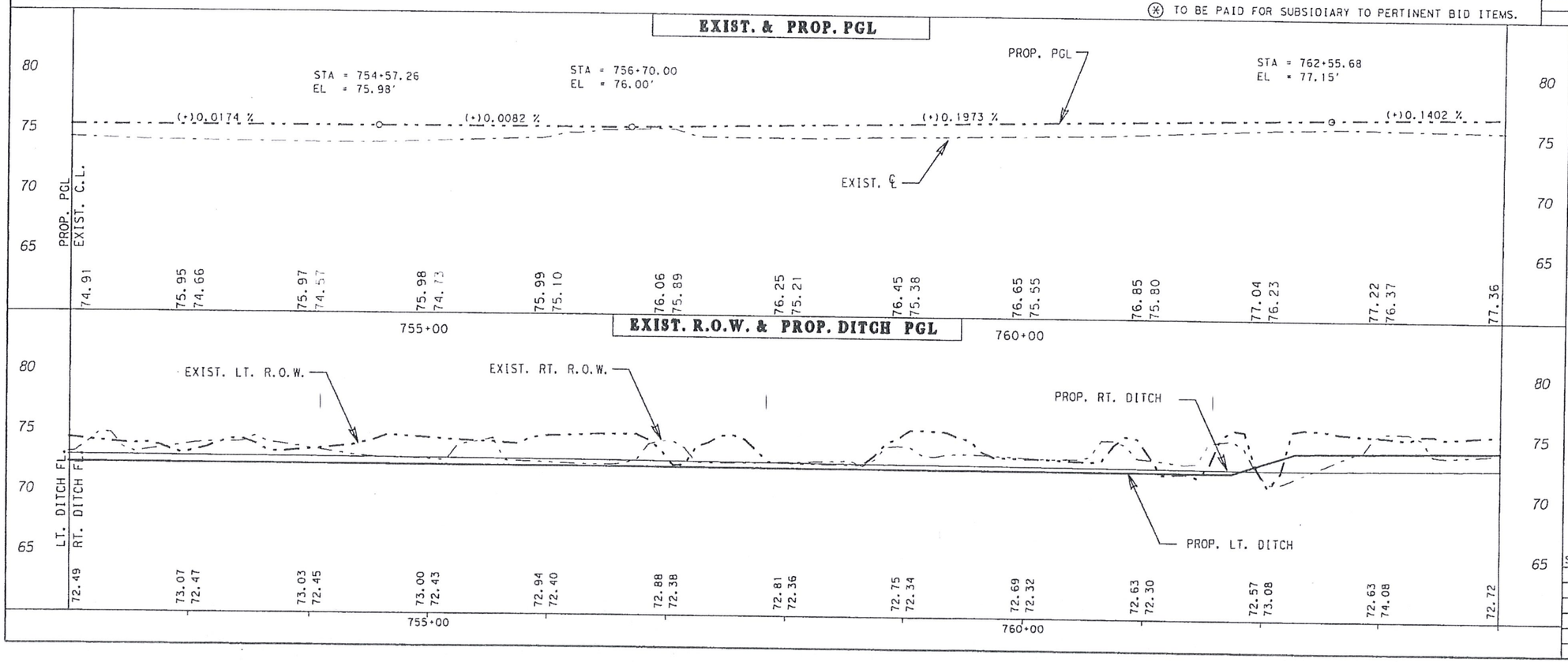
NOTE:

ALL UTILITIES ARE SHOWN FOR INFORMATION PURPOSES ONLY. THE CONTRACTOR SHALL COORDINATE WITH ALL UTILITY COMPANIES TO FIELD VERIFY UTILITIES PRIOR TO CONSTRUCTION.

SHEET TOTALS

ITEM	EST.	UNIT	DESCRIPTION
464	24	LF	PROP. 18" RCP (CL III)
464	27	LF	PROP. 24" RCP (CL III)
465	1	EA	PROP. TY. "C" INLET
479	1	EA	ADJUST MANHOLES & INLETS (CAP)
540	87.5	LF	MTL W-BEAM GD FEN (TIM POST)
540	1	EA	TERMINAL ANCHOR SECTION
544	1	EA	GUARDRAIL END TREATMENT(INSTALL)

⊛ TO BE PAID FOR SUBSIDIARY TO PERTINENT BID ITEMS.



LEGEND:

- PROP. SH 107 P.G.L.
- EXIST. NAT. GRD.

LEGEND:

- EXIST. LT. R.O.W. LINE
- EXIST. RT. R.O.W. LINE
- PROP. LT. DITCH FL.
- PROP. RT. DITCH FL.

Texas Department of Transportation

STATE OF TEXAS
VALENTE OLIVAREZ, JR.
93792
LICENSED PROFESSIONAL ENGINEER

VALENTE OLIVAREZ, JR. — DATE

SH 107
PLAN & PROFILE

SHEET 12 OF 32 SHEETS

SCALE: HOR.: 1:100, VERT.: 1:10 © 2008 TxDOT

FED.RD. DIV.NO.	PROJECT NO.	SHEET NO.
6		168

STATE	DIST.	COUNTY
TEXAS	21	HIDALGO

CONT.	SECT.	JOB	HIGHWAY NO.
0342	01	074	SH 107

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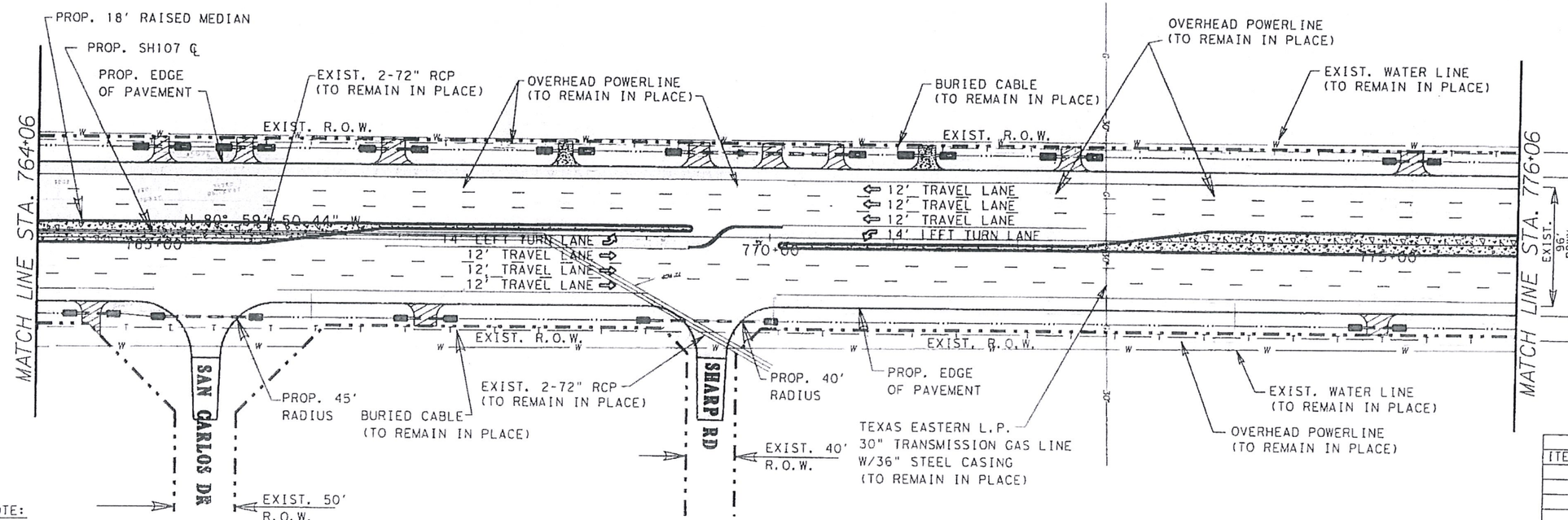

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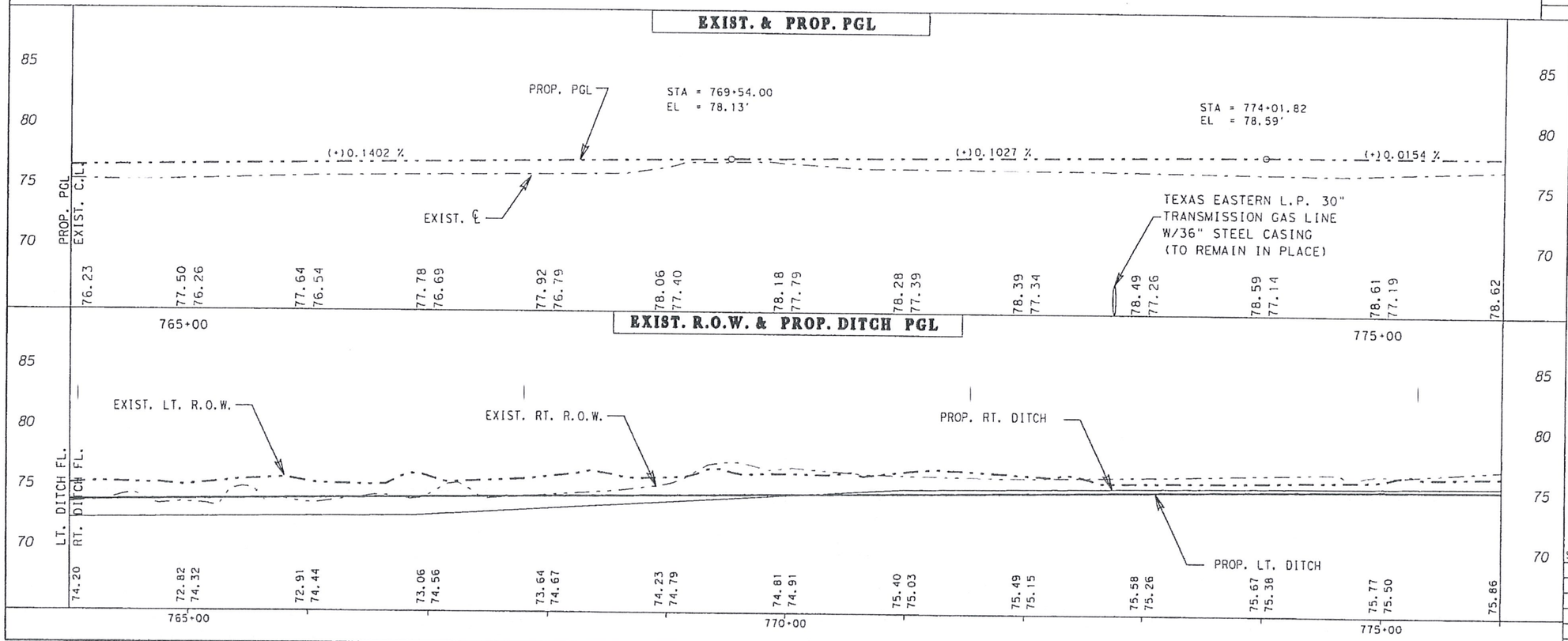
LEGEND:

- ★ TO BE REMOVED UNDER ITEM 100 "PREPARATION OF R.O.W."
- PROP. DRIVEWAY/TURNOUT
- PROP. CONCRETE DRIVEWAY
- PROP. PLANING (1.5")
- PROP. S.E.T.
- EXIST. INLET/MANH TO BE ADJUSTED/CAPPED
- EXISTING INLET TO BE REMOVED
- EXIST. STR. TO BE REMOVED
- EXIST. PIPE TO BE PLUGGED
- PROP. OBJECT MARKER-(OM-2Z) (FLX) GRD (BI)

SHEET TOTALS

ITEM	EST.	UNIT	DESCRIPTION



LEGEND:

- PROP. SH 107 P.G.L.
- EXIST. NAT. GRD.

LEGEND:

- EXIST. LT. R.O.W. LINE
- EXIST. RT. R.O.W. LINE
- PROP. LT. DITCH FL.
- PROP. RT. DITCH FL.

Texas Department of Transportation

STATE OF TEXAS
VALENTE OLIVAREZ, JR.
93792
LICENSED PROFESSIONAL ENGINEER

Valente Olivarez Jr. 1-19-08

VALENTE OLIVAREZ, JR. DATE

SH 107
PLAN & PROFILE

SHEET 13 OF 32 SHEETS

SCALE: HOR.: 1:100, VERT.: 1:10 © 2008 TxDOT

FED. RD. DIV. NO.	PROJECT NO.	SHEET NO.
6		169

STATE	DIST.	COUNTY
TEXAS	21	HIDALGO

CONT.	SECT.	JOB	HIGHWAY NO.
0342	01	074	SH 107

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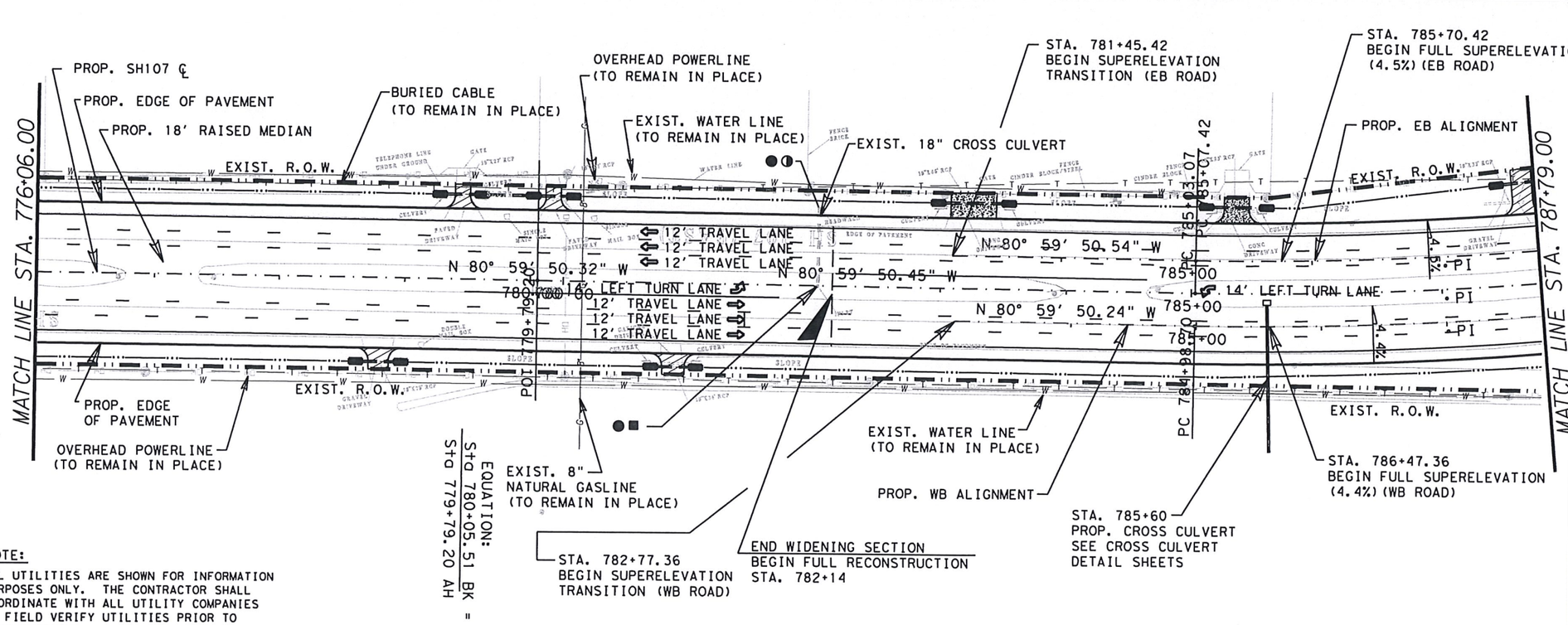

LEGEND:

- ★ TO BE REMOVED UNDER ITEM 100 "PREPARATION OF R.O.W."
- PROP. DRIVEWAY/TURNOUT
- PROP. CONCRETE DRIVEWAY
- PROP. PLANING (1.5")
- PROP. S.E.T.
- EXIST. INLET/MANH TO BE ADJUSTED/CAPPED
- EXISTING INLET TO BE REMOVED
- EXIST. STR. TO BE REMOVED
- EXIST. PIPE TO BE PLUGGED
- PROP. OBJECT MARKER-(OM-2Z) (FLX) GRD (BI)

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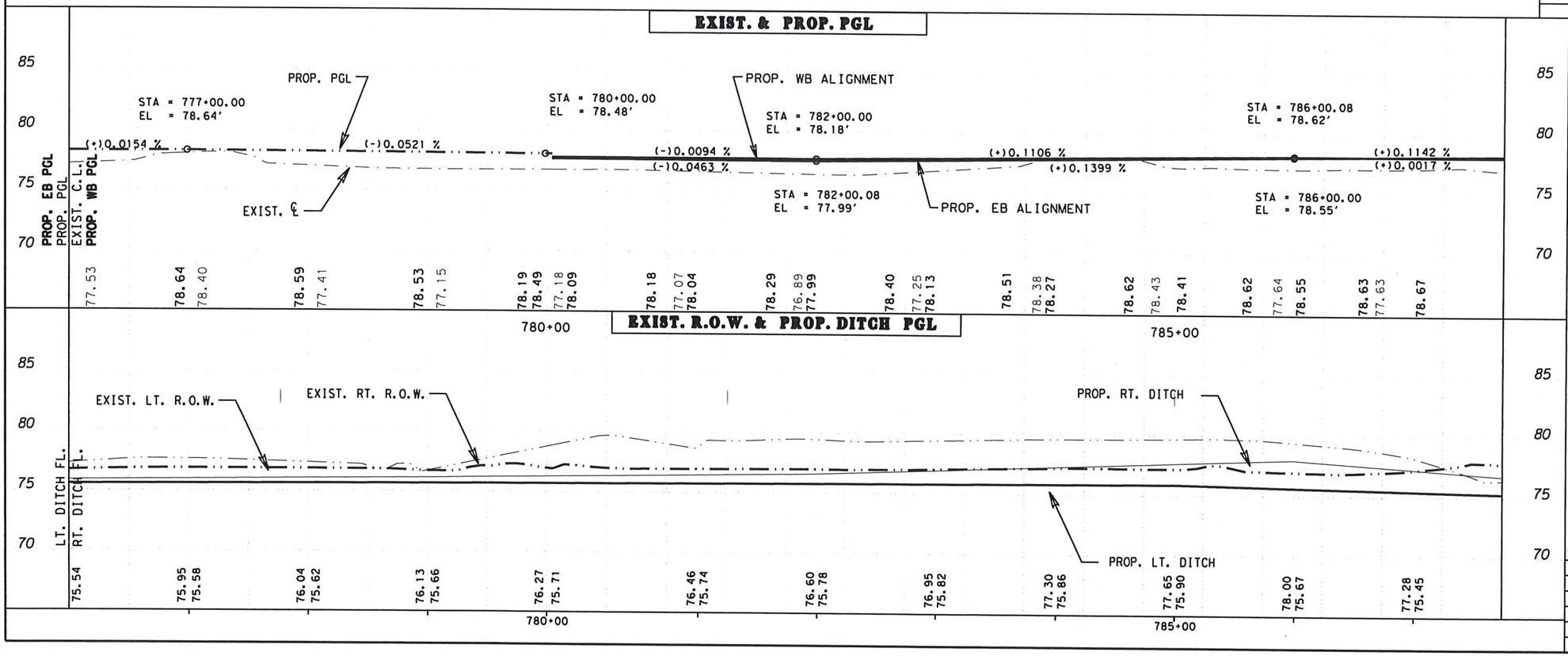
SHEET TOTALS

ITEM	EST.	UNIT	DESCRIPTION
479	1	EA	ADJUST MANHOLES & INLETS (CAP)
496	1	EA	REMOVE STRUCTURES (HEADWALL)



LEGEND:

- PROP. SH 107 P.G.L.
- EXIST. NAT. GRD.

LEGEND:

- EXIST. LT. R.O.W. LINE
- EXIST. RT. R.O.W. LINE
- PROP. LT. DITCH FL.
- PROP. RT. DITCH FL.

Texas Department of Transportation

STATE OF TEXAS
VALENTE OLIVAREZ, JR.
93792
LICENSED PROFESSIONAL ENGINEER
11-19-08

SH 107
PLAN & PROFILE

SHEET 14 OF 32 SHEETS

SCALE: HOR.: 1:100, VERT.: 1:10 © 2008 TxDOT

FED. RD. DIV. NO.	PROJECT NO.	SHEET NO.
6		170

STATE	DIST.	COUNTY
TEXAS	21	HIDALGO

CONT.	SECT.	JOB	HIGHWAY NO.
0342	01	074	SH 107

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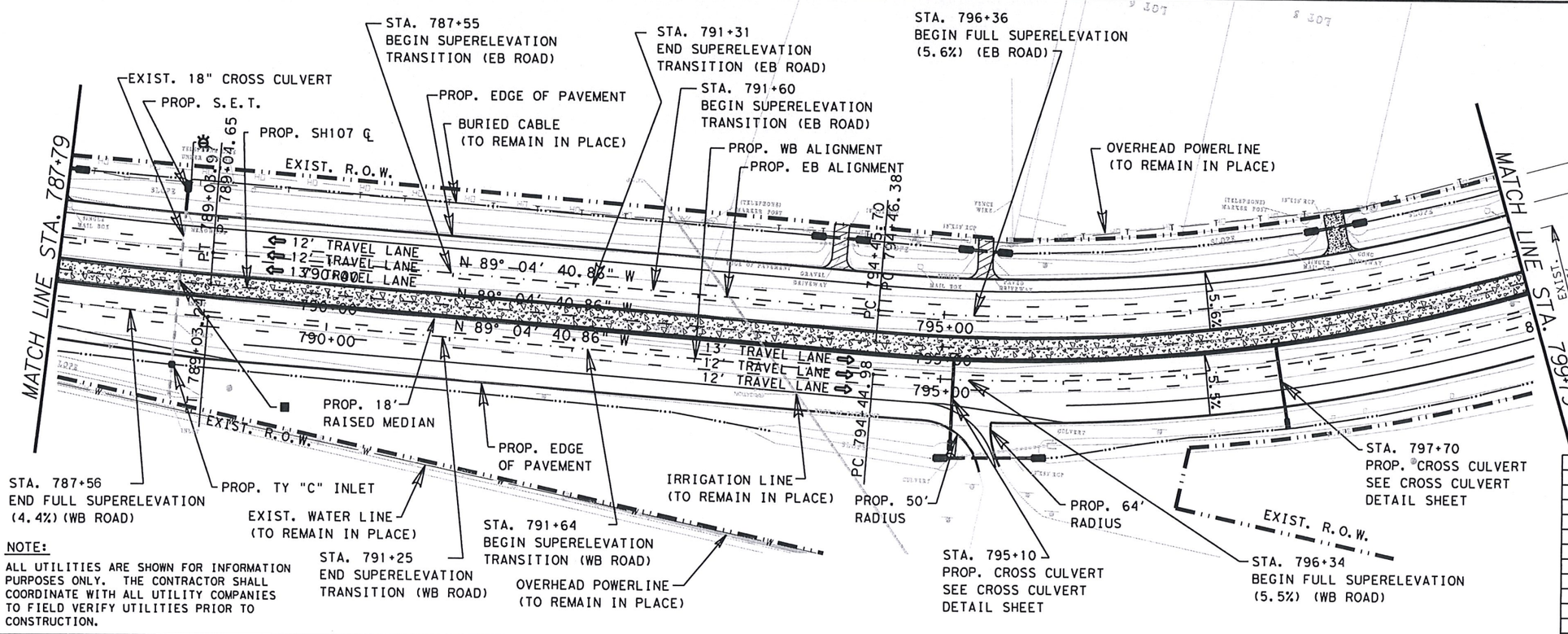

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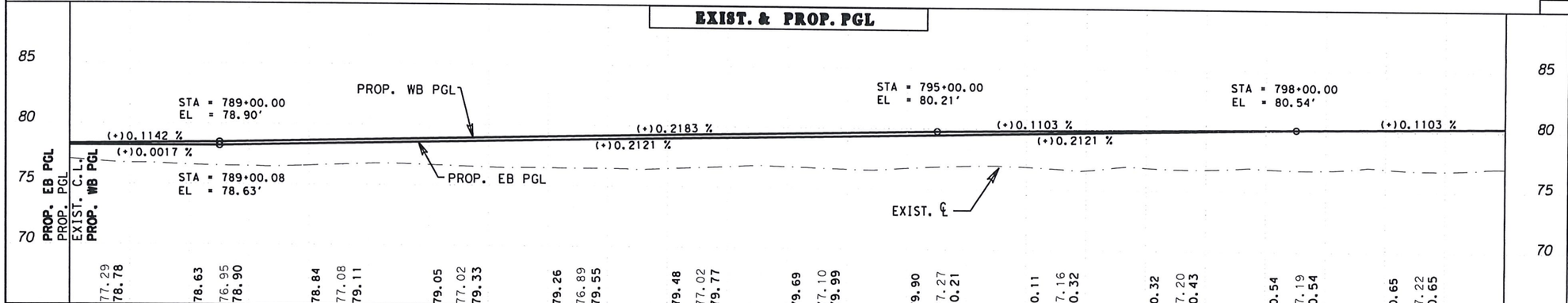
LEGEND:

- ★ TO BE REMOVED UNDER ITEM 100 "PREPARATION OF R.O.W."
- PROP. DRIVEWAY/TURNOUT
- PROP. CONCRETE DRIVEWAY
- PROP. PLANING (1.5")
- PROP. S.E.T.
- EXIST. INLET/MANH TO BE ADJUSTED/CAPPED
- EXISTING INLET TO BE REMOVED
- EXIST. STR. TO BE REMOVED
- EXIST. PIPE TO BE PLUGGED
- PROP. OBJECT MARKER-(OM-2Z) (FLX) GRD (BI)

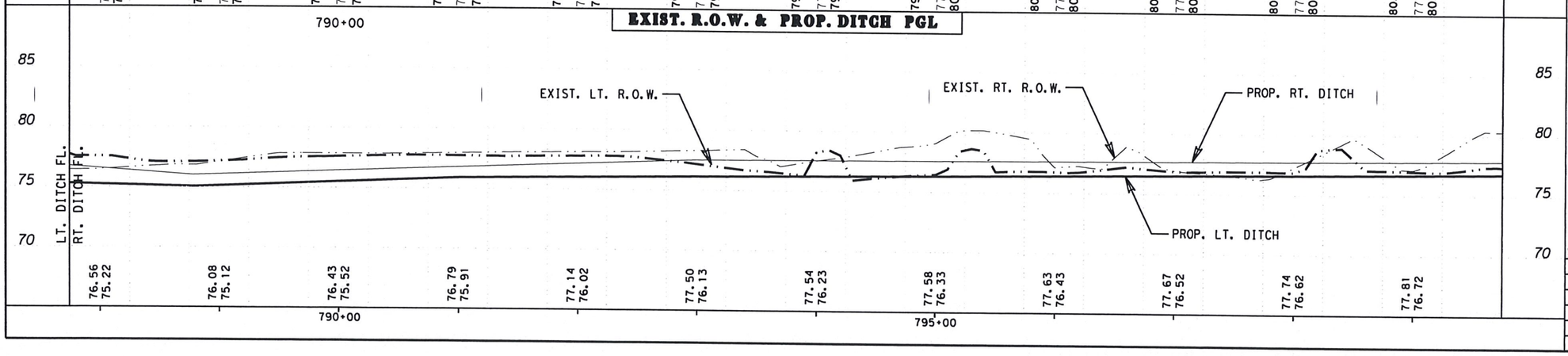
SHEET TOTALS

ITEM	EST.	UNIT	DESCRIPTION
464	16	LF	RC PIPE 18" (CLIII) (SPL)
465	1	EA	INLET (COMPL) (TY C)
467	1	EA	SAFETY END TREATMENT (18") (3:1)
479	1	EA	ADJUST MANHOLES & INLETS (CAP)
658	1	EA	OBJECT MRK-(OM-2Z) (FLX) GRD (BI)

EXIST. & PROP. PGL



EXIST. R.O.W. & PROP. DITCH PGL



Texas Department of Transportation

STATE OF TEXAS
VALENTE OLIVAREZ, JR.
93792
LICENSED PROFESSIONAL ENGINEER
11-19-08

LEGEND:

- PROP. SH 107 P.G.L.
- EXIST. NAT. GRD.

LEGEND:

- EXIST. LT. R.O.W. LINE
- EXIST. RT. R.O.W. LINE
- PROP. LT. DITCH FL.
- PROP. RT. DITCH FL.

SH 107
PLAN & PROFILE

SHEET 15 OF 32 SHEETS

SCALE: HOR.: 1:100, VERT.: 1:10 © 2008 TxDOT

FED. RD. DIV. NO.	PROJECT NO.		SHEET NO.
6			171
STATE	DIST.	COUNTY	
TEXAS	21	HIDALGO	
CONT.	SECT.	JOB	HIGHWAY NO.
0342	01	074	SH 107

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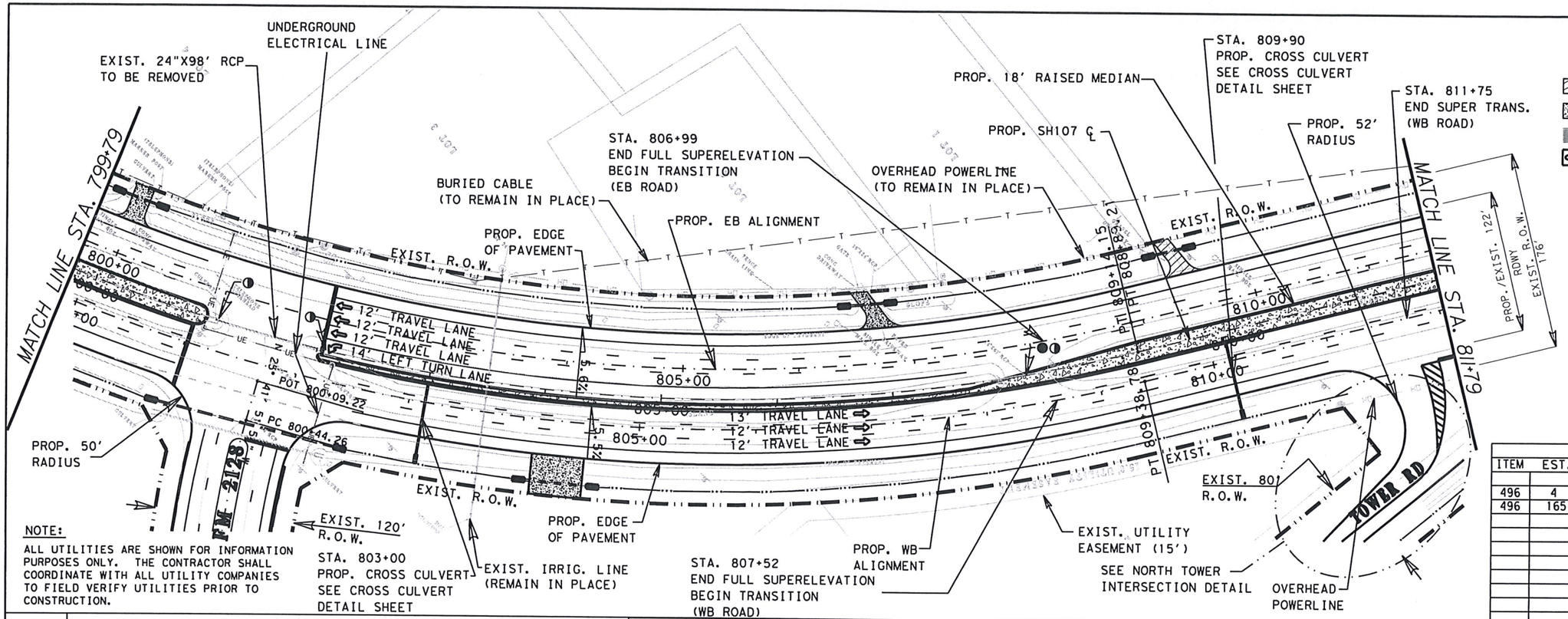

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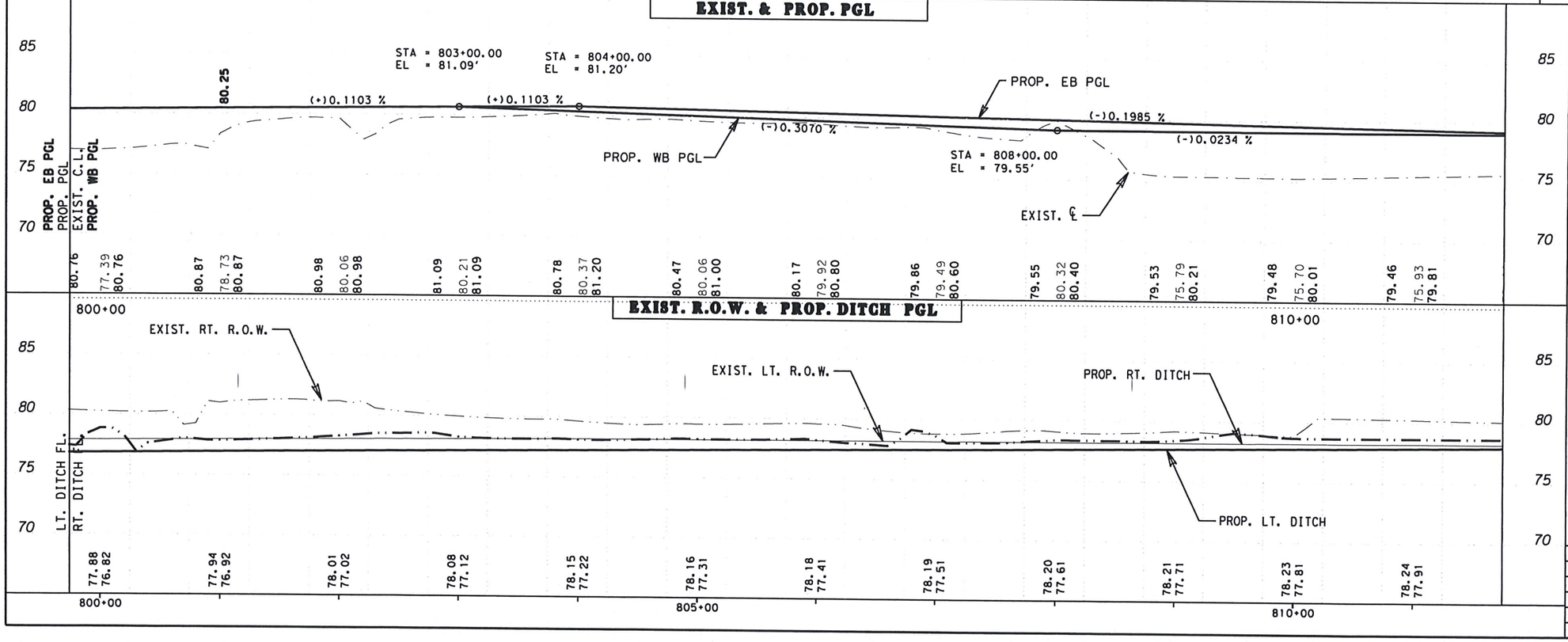
LEGEND:

- ★ TO BE REMOVED UNDER ITEM 100 "PREPARATION OF R.O.W."
- PROP. DRIVEWAY/TURNOUT
- PROP. CONCRETE DRIVEWAY
- PROP. PLANING (1.5")
- PROP. S.E.T.
- ■ EXIST. INLET/MANH TO BE ADJUSTED/CAPPED
- ▲ EXISTING INLET TO BE REMOVED
- ◑ EXIST. STR. TO BE REMOVED
- ● EXIST. PIPE TO BE PLUGGED
- PROP. OBJECT MARKER-(OM-2Z) (FLX) GRD (BI)

SHEET TOTALS

ITEM	EST.	UNIT	DESCRIPTION
496	4	EA	REMOVE STRUCTURES (S.E.T.)
496	165	LF	REMOVE STRUCTURES (PIPE)

EXIST. & PROP. PGL



LEGEND:

- PROP. SH 107 P.G.L.
- EXIST. NAT. GRD.

EXIST. R.O.W. & PROP. DITCH PGL

LEGEND:

- EXIST. LT. R.O.W. LINE
- EXIST. RT. R.O.W. LINE
- PROP. LT. DITCH FL.
- PROP. RT. DITCH FL.

Texas Department of Transportation

STATE OF TEXAS
VALENTE OLIVAREZ, JR.
93792
LICENSED PROFESSIONAL ENGINEER
11-14-18

SH 107
PLAN & PROFILE

SHEET 16 OF 32 SHEETS

SCALE: HOR.: 1:100, VERT.: 1:10 © 2008 TxDOT

FED.RD. DIV.NO.	PROJECT NO.	SHEET NO.
6		172

STATE	DIST.	COUNTY	
TEXAS	21	HIDALGO	
CONT.	SECT.	JOB	HIGHWAY NO.
0342	01	074	SH 107

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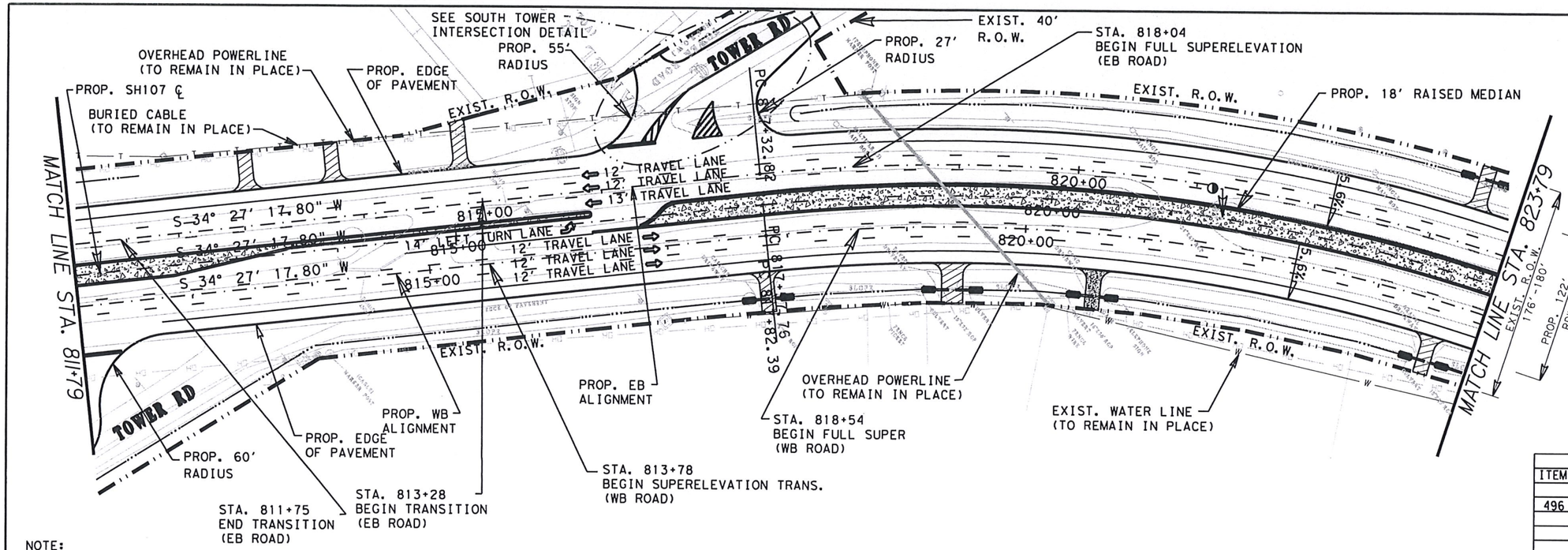


LEGEND:

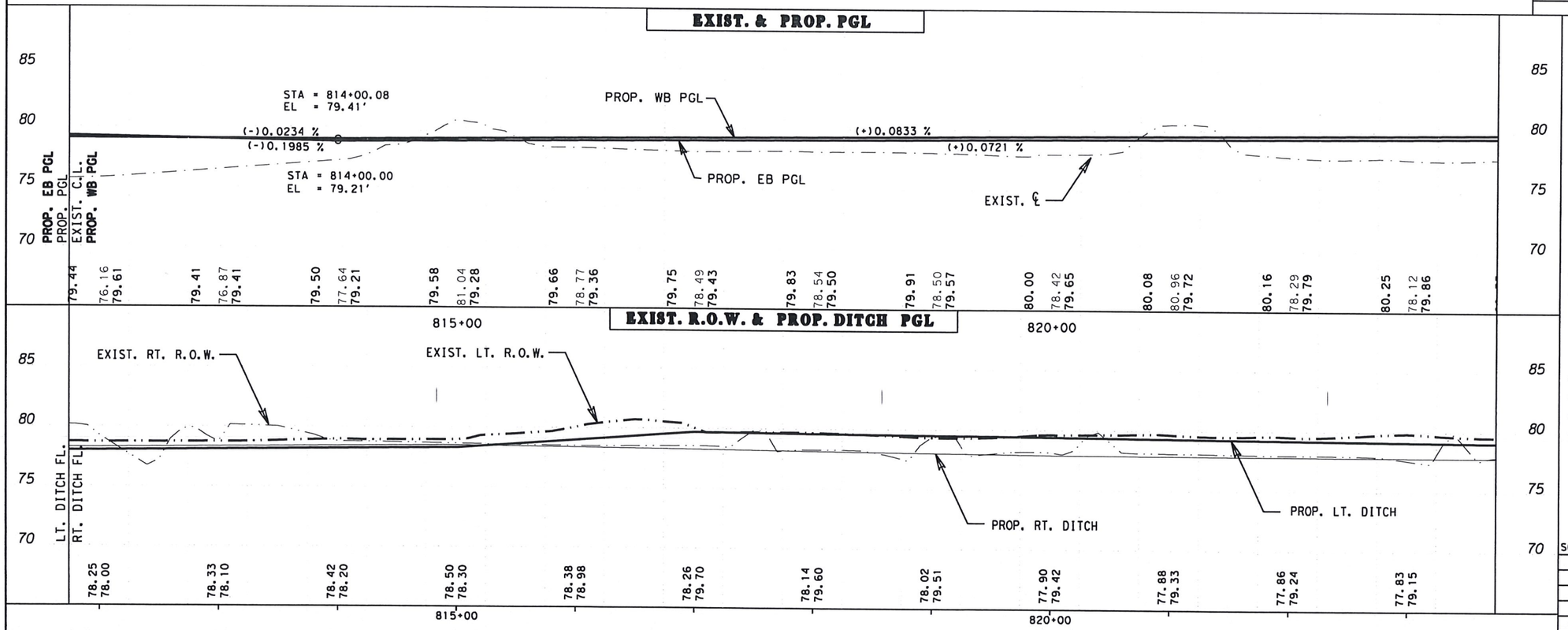
- ★ TO BE REMOVED UNDER ITEM 100 "PREPARATION OF R.O.W."
- PROP. DRIVEWAY/TURNOUT
- PROP. CONCRETE DRIVEWAY
- PROP. PLANING (1.5")
- PROP. S.E.T.
- EXIST. INLET/MANH TO BE ADJUSTED/CAPPED
- EXISTING INLET TO BE REMOVED
- EXIST. STR. TO BE REMOVED
- EXIST. PIPE TO BE PLUGGED
- PROP. OBJECT MARKER-(OM-2Z) (FLX) GRD (BI)

NOTE:

ALL UTILITIES ARE SHOWN FOR INFORMATION PURPOSES ONLY. THE CONTRACTOR SHALL COORDINATE WITH ALL UTILITY COMPANIES TO FIELD VERIFY UTILITIES PRIOR TO CONSTRUCTION.

SHEET TOTALS

ITEM	EST.	UNIT	DESCRIPTION
496	67	LF	REMOVE STRUCTURES (PIPE)



LEGEND:

- PROP. SH 107 P.G.L.
- EXIST. NAT. GRD.

LEGEND:

- EXIST. LT. R.O.W. LINE
- EXIST. RT. R.O.W. LINE
- PROP. LT. DITCH FL.
- PROP. RT. DITCH FL.

Texas Department of Transportation

STATE OF TEXAS
VALENTE OLIVAREZ, JR.
93792
LICENSED PROFESSIONAL ENGINEER
11-19-08

SH 107
PLAN & PROFILE

SHEET 17 OF 32 SHEETS

SCALE: HOR.: 1:100, VERT.: 1:10 © 2008 TxDOT

FED. RD. DIV. NO.	PROJECT NO.		SHEET NO.
6			173
STATE	DIST.	COUNTY	
TEXAS	21	HIDALGO	
CONT.	SECT.	JOB	HIGHWAY NO.
0342	01	074	SH 107

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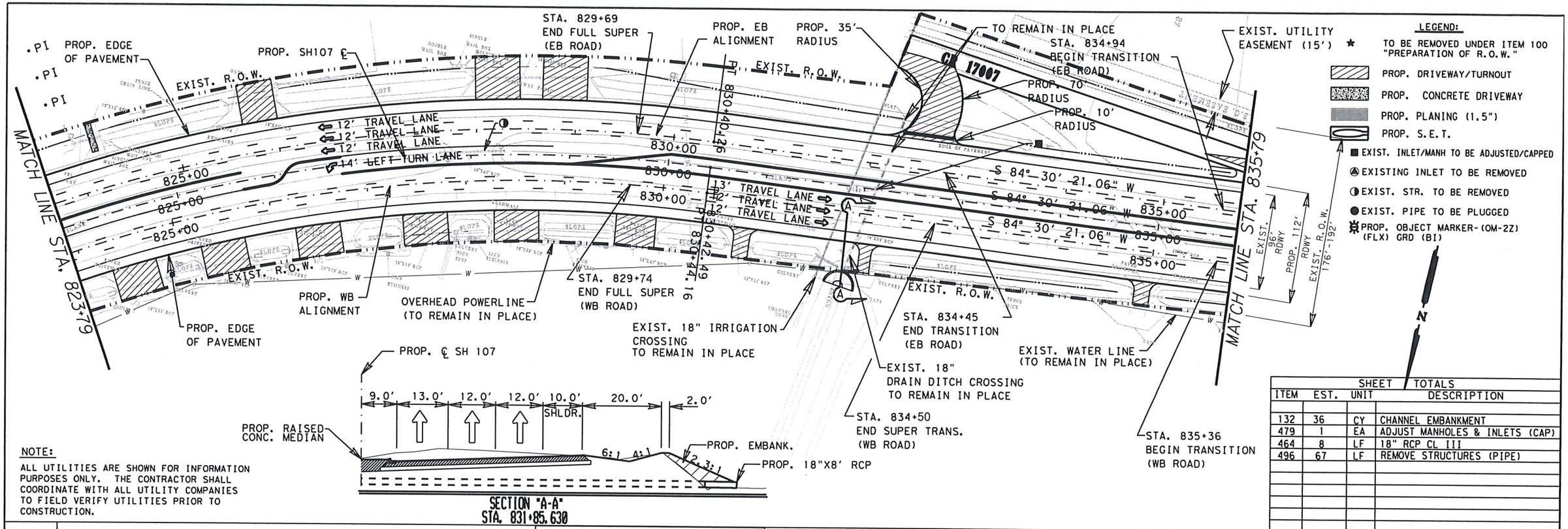


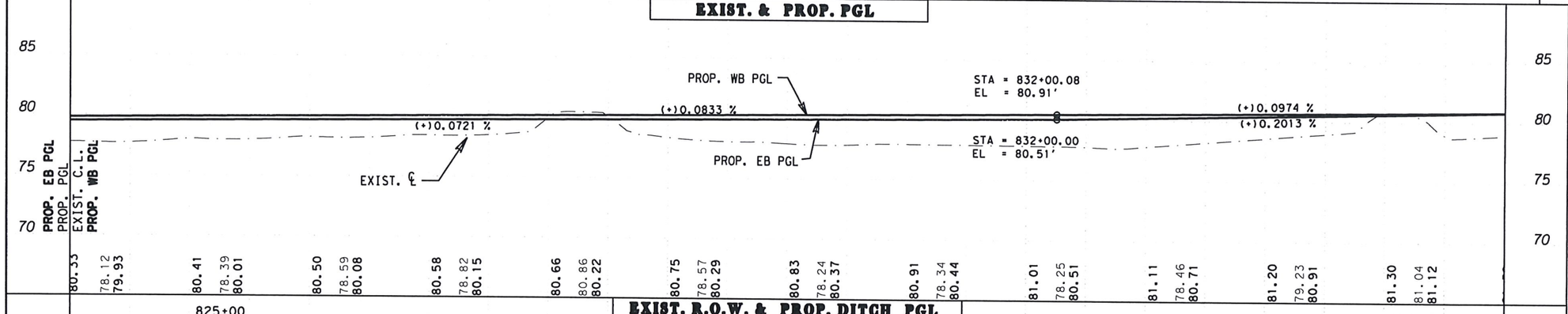
NOTE:

ALL UTILITIES ARE SHOWN FOR INFORMATION PURPOSES ONLY. THE CONTRACTOR SHALL COORDINATE WITH ALL UTILITY COMPANIES TO FIELD VERIFY UTILITIES PRIOR TO CONSTRUCTION.

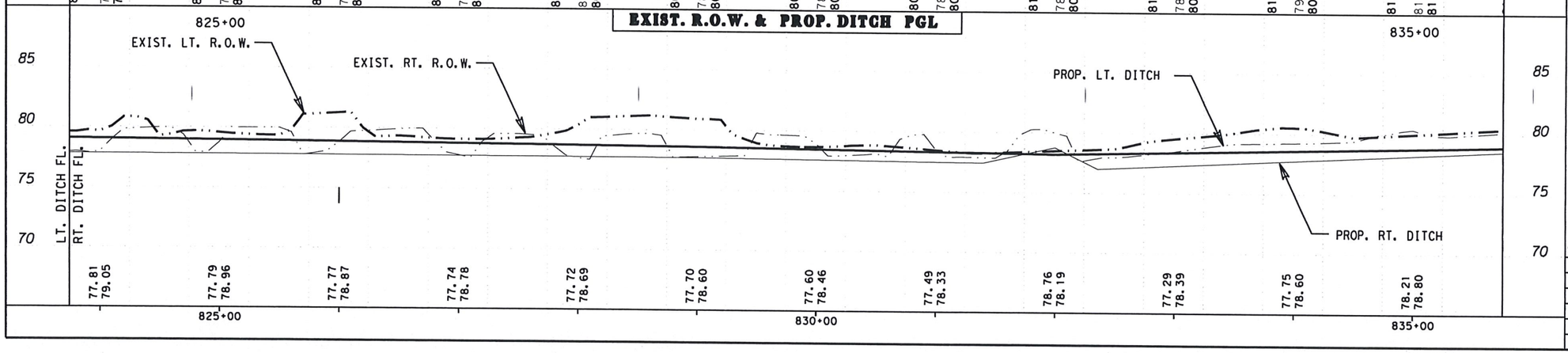
SHEET TOTALS

ITEM	EST.	UNIT	DESCRIPTION
132	36	CY	CHANNEL EMBANKMENT
479	1	EA	ADJUST MANHOLES & INLETS (CAP)
464	8	LF	18" RCP CL III
496	67	LF	REMOVE STRUCTURES (PIPE)

EXIST. & PROP. PGL



EXIST. R.O.W. & PROP. DITCH PGL



LEGEND:

PROP. SH 107 P.G.L.
EXIST. NAT. GRD.

LEGEND:

EXIST. LT. R.O.W. LINE
EXIST. RT. R.O.W. LINE
PROP. LT. DITCH FL.
PROP. RT. DITCH FL.

SH 107
PLAN & PROFILE

SHEET 18 OF 32 SHEETS

SCALE: HOR.: 1:100, VERT.: 1:10 © 2008 TxDOT

Texas Department of Transportation

STATE OF TEXAS — VALENTE OLIVAREZ, JR. — 93792 — LICENSED PROFESSIONAL ENGINEER — 11-19-08

FED.RD. DIV.NO.	PROJECT NO.	SHEET NO.
6		174

STATE	DIST.	COUNTY	
TEXAS	21	HIDALGO	
CONT.	SECT.	JOB	HIGHWAY NO.
0342	01	074	SH 107

FILE: T:\PHRDSGN\ENG\DATA\SH_107_(US_281_to_FM_493)\Plan_&_Profile_Sheets\WEW\P&P_SH107ppl8_REV.dgn
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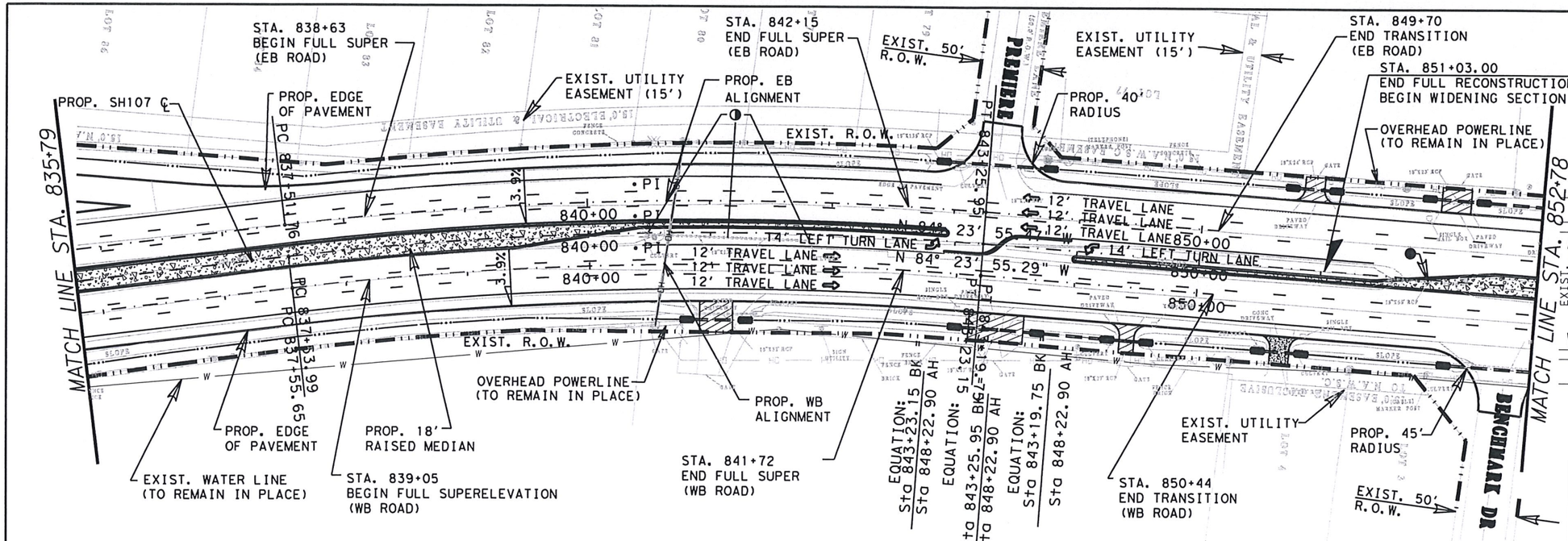

LEGEND:

- ★ TO BE REMOVED UNDER ITEM 100 "PREPARATION OF R.O.W."
- PROP. DRIVEWAY/TURNOUT
- PROP. CONCRETE DRIVEWAY
- PROP. PLANING (1.5")
- PROP. S.E.T.
- EXIST. INLET/MANH TO BE ADJUSTED/CAPPED
- EXISTING INLET TO BE REMOVED
- EXIST. STR. TO BE REMOVED
- EXIST. PIPE TO BE PLUGGED
- PROP. OBJECT MARKER-(OM-2Z) (FLX) GRD (BI)

NOTE:

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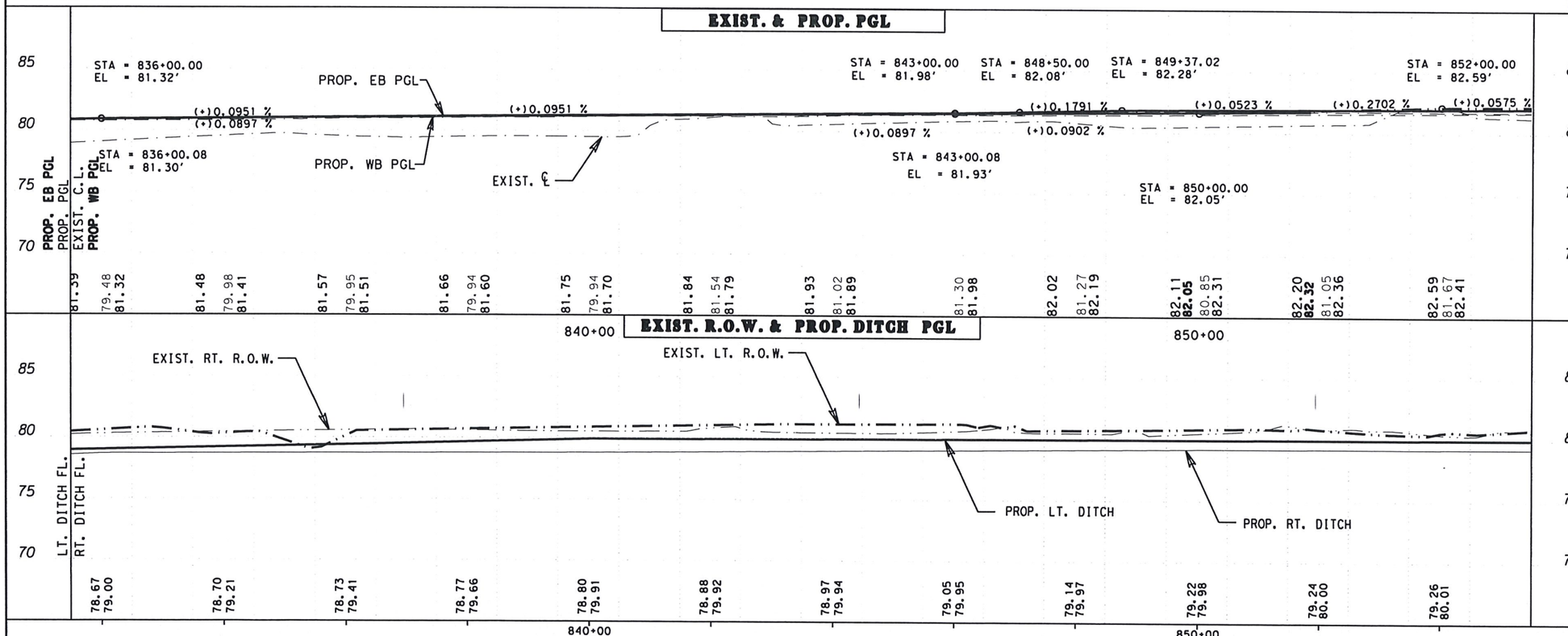
SHEET TOTALS

ITEM	EST.	UNIT	DESCRIPTION
496	2	EA	REMOVE STRUCTURES (S.E.T.)
496	136	LF	REMOVE STRUCTURES (PIPE)



LEGEND:

- PROP. SH 107 P.G.L.
- EXIST. NAT. GRD.

LEGEND:

- EXIST. LT. R.O.W. LINE
- EXIST. RT. R.O.W. LINE
- PROP. LT. DITCH FL.
- PROP. RT. DITCH FL.

Texas Department of Transportation

STATE OF TEXAS
VALENTE OLIVAREZ, JR.
93792
LICENSED PROFESSIONAL ENGINEER
11-19-08

SH 107
PLAN & PROFILE

SHEET 19 OF 32 SHEETS

SCALE: HOR.: 1:100, VERT.: 1:10 © 2008 TxDOT

FED. RD. DIV. NO.	PROJECT NO.	SHEET NO.
6		175

STATE	DIST.	COUNTY	
TEXAS	21	HIDALGO	
CONT.	SECT.	JOB	HIGHWAY NO.
0342	01	074	SH 107

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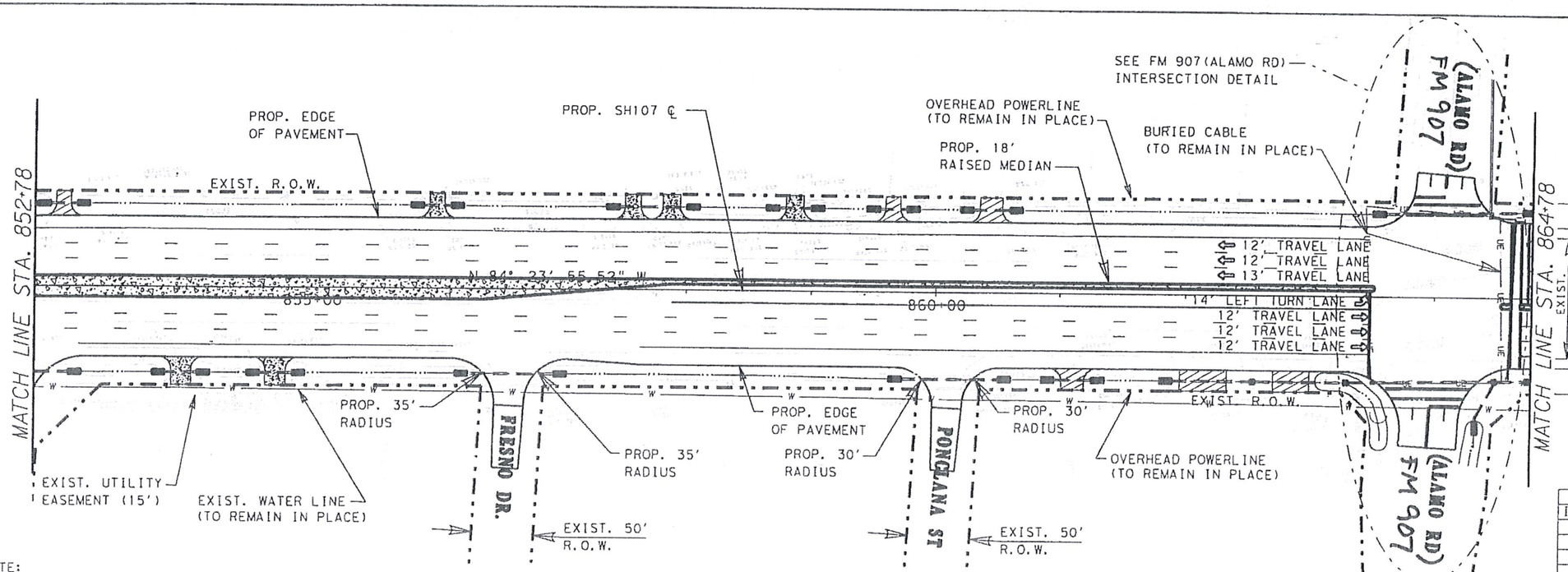
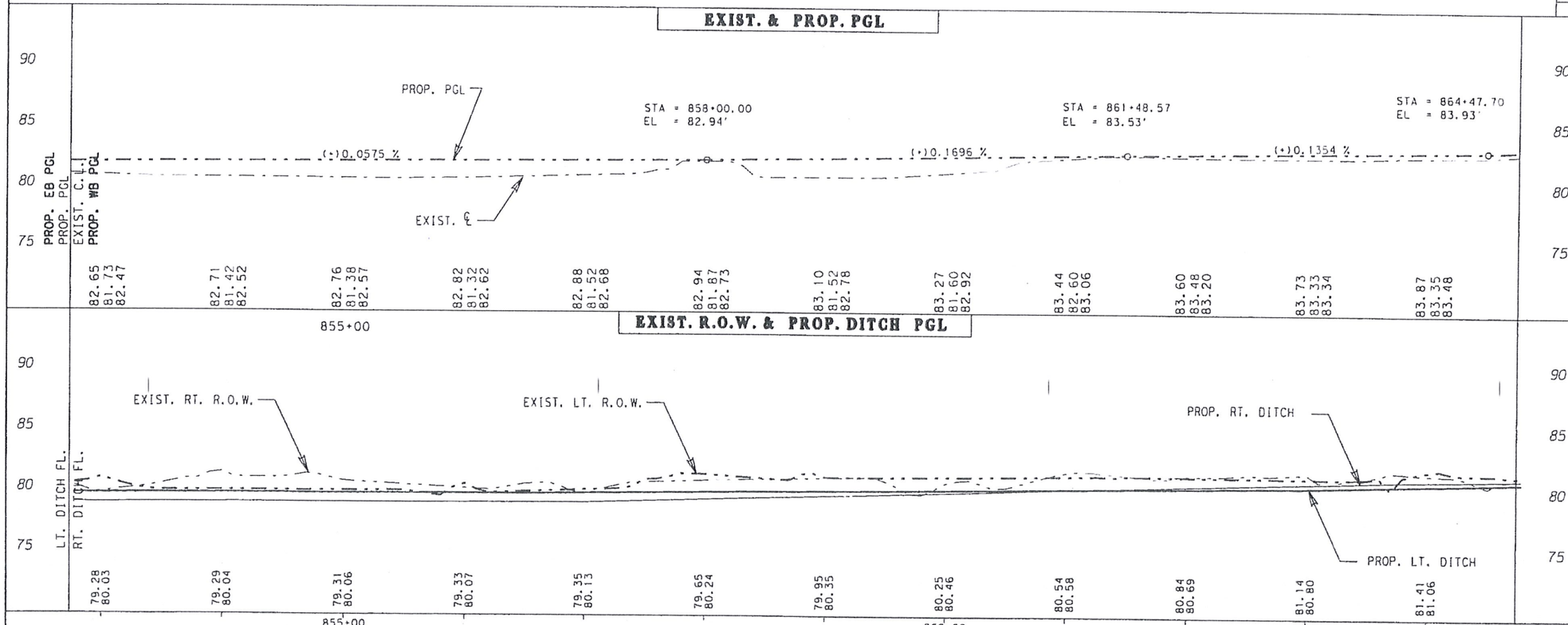


NOTE:

ALL UTILITIES ARE SHOWN FOR INFORMATION PURPOSES ONLY. THE CONTRACTOR SHALL COORDINATE WITH ALL UTILITY COMPANIES TO FIELD VERIFY UTILITIES PRIOR TO CONSTRUCTION.

SHEET TOTALS

ITEM	EST.	UNIT	DESCRIPTION



Texas Department of Transportation

STATE OF TEXAS
VALENTE OLIVAREZ, JR.
93792
LICENSED PROFESSIONAL ENGINEER

VALENTE OLIVAREZ, JR. DATE 11-19-08

LEGEND:

PROP. SH 107 P.G.L.
EXIST. NAT. GRD.

LEGEND:

EXIST. LT. R.O.W. LINE
EXIST. RT. R.O.W. LINE
PROP. LT. DITCH FL.
PROP. RT. DITCH FL.

SH 107
PLAN & PROFILE

SHEET 20 OF 32 SHEETS

SCALE: HOR.: 1:100, VERT.: 1:10 © 2008 TxDOT

FED. RD. DIV. NO.	PROJECT NO.	SHEET NO.
6		176

STATE	DIST.	COUNTY	
TEXAS	21	HIDALGO	
CONT.	SECT.	JOB	HIGHWAY NO.
0342	01	074	SH 107

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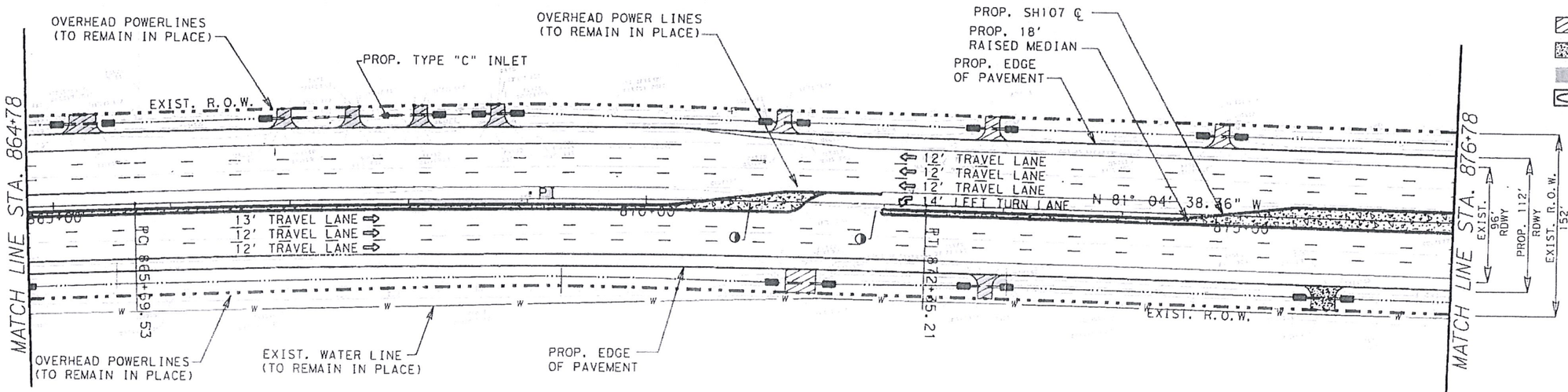


LEGEND:

- ★ TO BE REMOVED UNDER ITEM 100 "PREPARATION OF R.O.W."
- PROP. DRIVEWAY/TURNOUT
- PROP. CONCRETE DRIVEWAY
- PROP. PLANING (1.5")
- PROP. S.E.T.
- EXIST. INLET/MANH TO BE ADJUSTED/CAPPED
- EXISTING INLET TO BE REMOVED
- EXIST. STR. TO BE REMOVED
- EXIST. PIPE TO BE PLUGGED
- PROP. OBJECT MARKER-(OM-2Z) (FLX) GRD (BI)

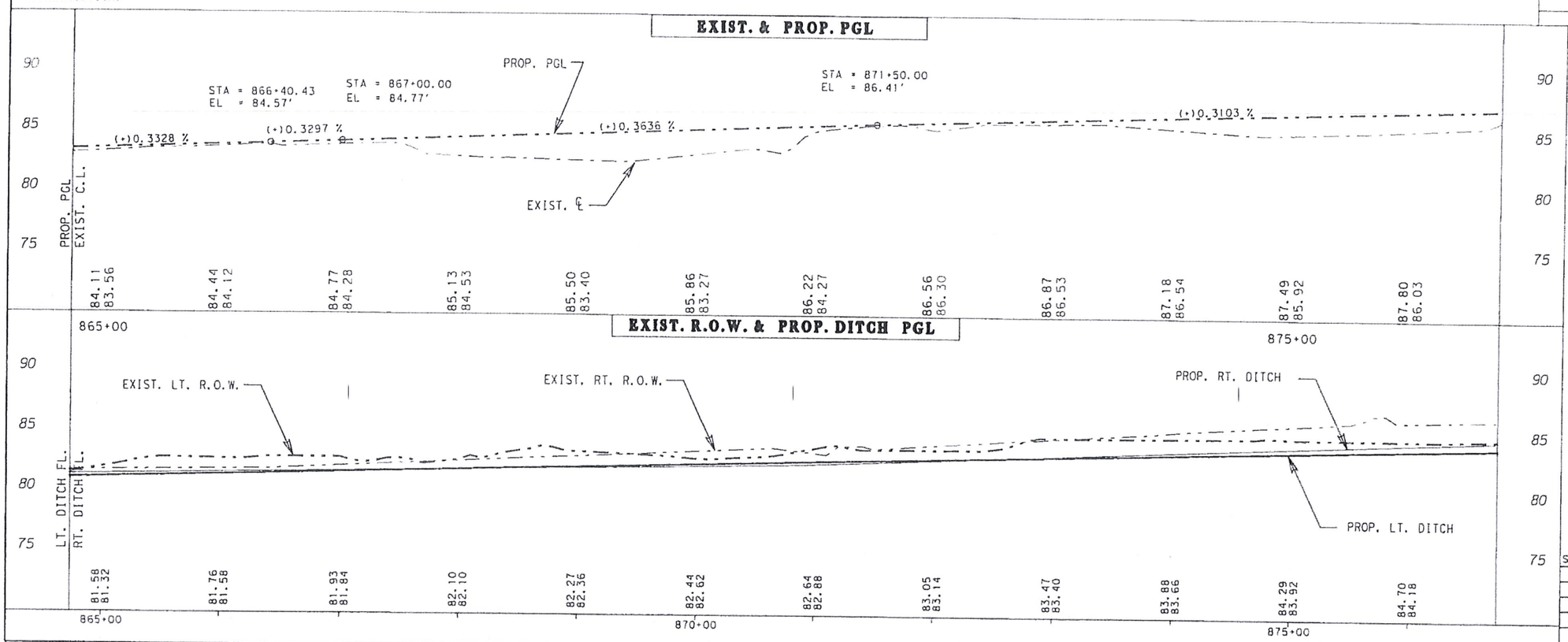
N

NOTE:

ALL UTILITIES ARE SHOWN FOR INFORMATION PURPOSES ONLY. THE CONTRACTOR SHALL COORDINATE WITH ALL UTILITY COMPANIES TO FIELD VERIFY UTILITIES PRIOR TO CONSTRUCTION.

SHEET TOTALS

ITEM	EST.	UNIT	DESCRIPTION
465	1	EA	INLET (COMPL) (TY C)
496	2	EA	REMOVE STRUCTURES (S.E.T.)



Texas Department of Transportation

STATE OF TEXAS
VALENTE OLIVAREZ, JR.
93792
LICENSED PROFESSIONAL ENGINEER

VALENTE OLIVAREZ, JR. 11-14-08 DATE

LEGEND:

- PROP. SH 107 P.G.L.
- EXIST. NAT. GRD.

LEGEND:

- EXIST. LT. R.O.W. LINE
- EXIST. RT. R.O.W. LINE
- PROP. LT. DITCH FL.
- PROP. RT. DITCH FL.

SH 107
PLAN & PROFILE

SHEET 21 OF 32 SHEETS

SCALE: HOR.: 1:100, VERT.: 1:10 © 2008 TxDOT

FED. RD. DIV. NO.	PROJECT NO.	SHEET NO.
6		177

STATE	DIST.	COUNTY	
TEXAS	21	HIDALGO	
CONT.	SECT.	JOB	HIGHWAY NO.
0342	01	074	SH 107

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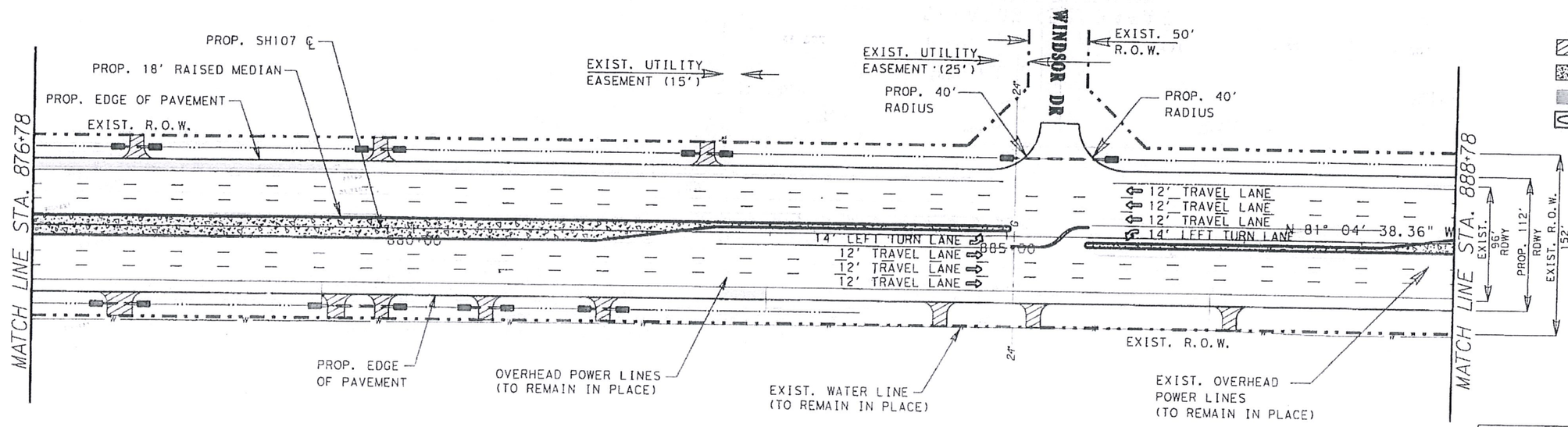


LEGEND:

- ★ TO BE REMOVED UNDER ITEM 100 "PREPARATION OF R.O.W."
- PROP. DRIVEWAY/TURNOUT
- PROP. CONCRETE DRIVEWAY
- PROP. PLANING (1.5")
- PROP. S.E.T.
- EXIST. INLET/MANH TO BE ADJUSTED/CAPPED
- EXISTING INLET TO BE REMOVED
- EXIST. STR. TO BE REMOVED
- EXIST. PIPE TO BE PLUGGED
- PROP. OBJECT MARKER-(OM-2Z) (FLX) GRD (BI)

N

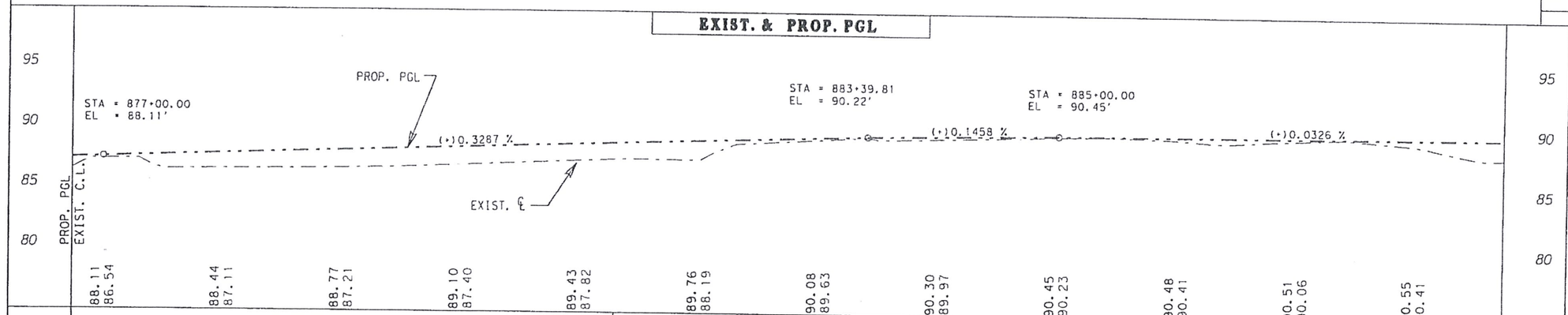
SHEET TOTALS

ITEM	EST.	UNIT	DESCRIPTION

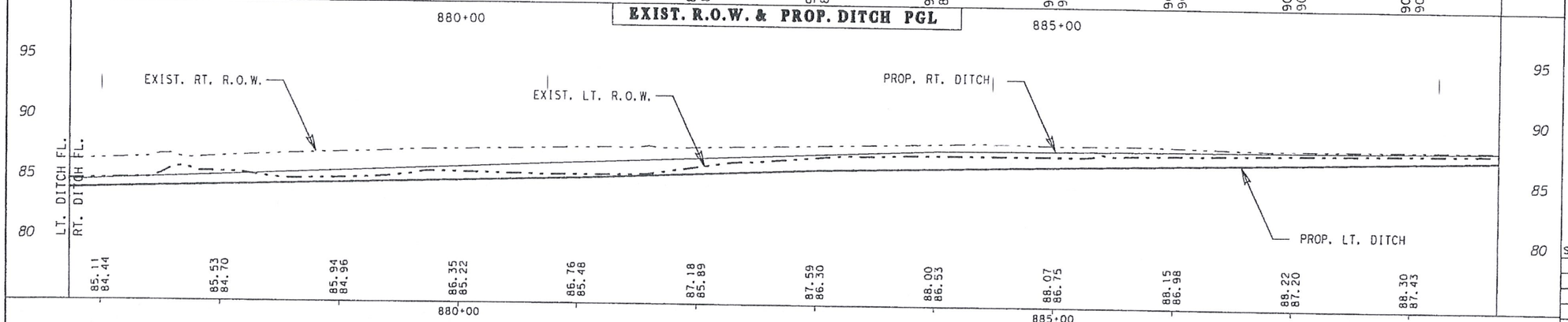
NOTE:

ALL UTILITIES ARE SHOWN FOR INFORMATION PURPOSES ONLY. THE CONTRACTOR SHALL COORDINATE WITH ALL UTILITY COMPANIES TO FIELD VERIFY UTILITIES PRIOR TO CONSTRUCTION.

EXIST. & PROP. PGL



EXIST. R.O.W. & PROP. DITCH PGL



Texas Department of Transportation

STATE OF TEXAS
VALENTE OLIVAREZ, JR.
93792
LICENSED PROFESSIONAL ENGINEER

VALENTE OLIVAREZ, JR. DATE 11-7-08

LEGEND:

- PROP. SH 107 P.G.L.
- EXIST. NAT. GRD.

LEGEND:

- EXIST. LT. R.O.W. LINE
- EXIST. RT. R.O.W. LINE
- PROP. LT. DITCH FL.
- PROP. RT. DITCH FL.

SH 107
PLAN & PROFILE

SHEET 22 OF 32 SHEETS

SCALE: HOR.: 1:100, VERT.: 1:10 © 2008 TxDOT

FED.RD. DIV.NO.	PROJECT NO.	SHEET NO.
6		178

STATE	DIST.	COUNTY
TEXAS	21	HIDALGO

CONT.	SECT.	JOB	HIGHWAY NO.
0342	01	074	SH 107

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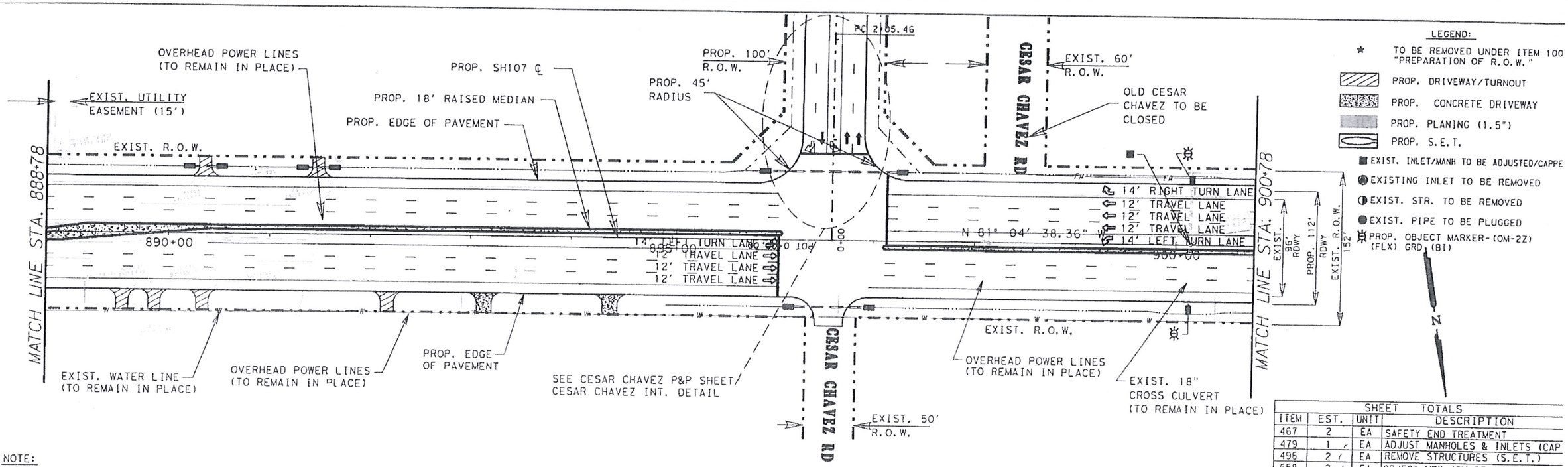
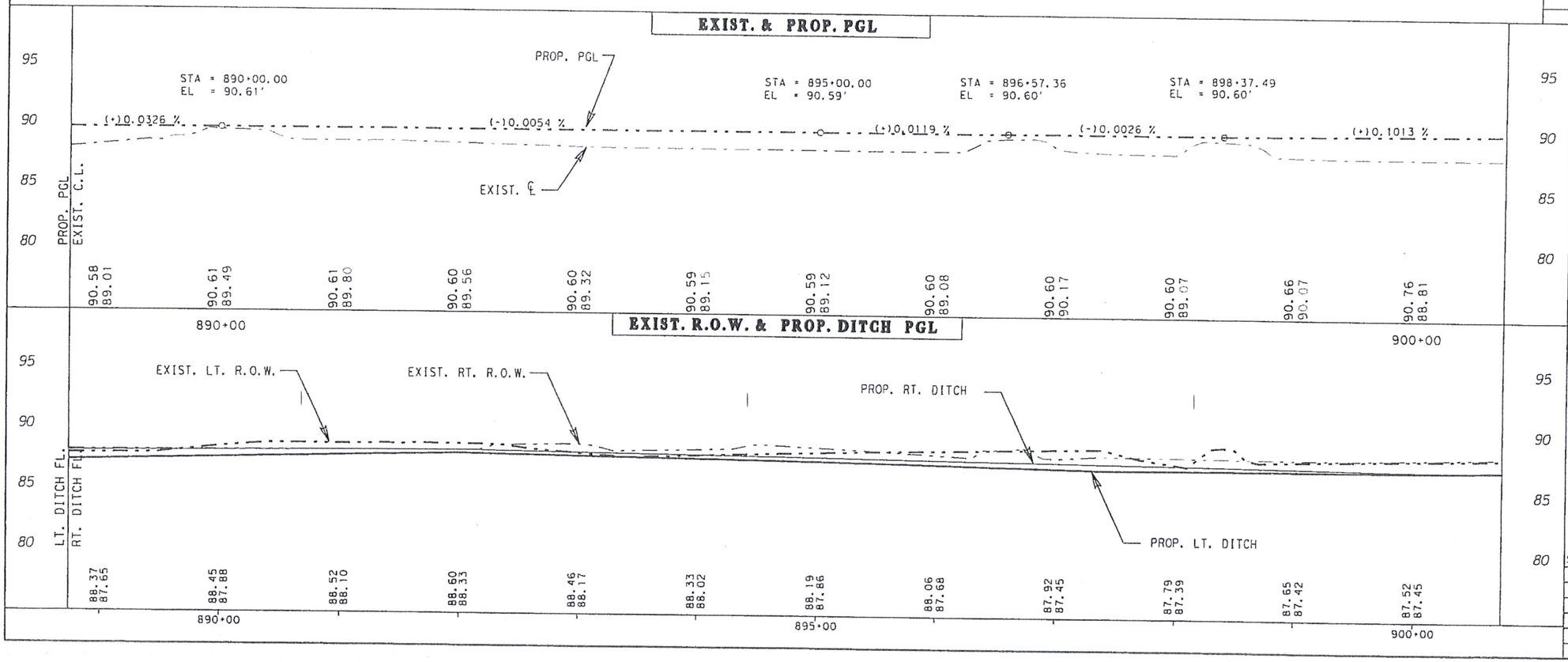


NOTE:

ALL UTILITIES ARE SHOWN FOR INFORMATION PURPOSES ONLY. THE CONTRACTOR SHALL COORDINATE WITH ALL UTILITY COMPANIES TO FIELD VERIFY UTILITIES PRIOR TO CONSTRUCTION.

SHEET TOTALS

ITEM	EST.	UNIT	DESCRIPTION
467	2	EA	SAFETY END TREATMENT
479	1	EA	ADJUST MANHOLES & INLETS (CAP
496	2	EA	REMOVE STRUCTURES (S.E.T.)
658	2	EA	OBJECT MRK-(OM-2Z) (FLX) GRD (BI)



Texas Department of Transportation

STATE OF TEXAS
VALENTE OLIVAREZ, JR.
93792
LICENSED PROFESSIONAL ENGINEER

VALENTE OLIVAREZ, JR. 11-14-08
VALENTE OLIVAREZ, JR. DATE

LEGEND:

PROP. SH 107 P.G.L.
EXIST. NAT. GRD.

LEGEND:

EXIST. LT. R.O.W. LINE
EXIST. RT. R.O.W. LINE
PROP. LT. DITCH FL.
PROP. RT. DITCH FL.

SH 107
PLAN & PROFILE

SHEET 23 OF 32 SHEETS

SCALE: HOR.: 1:100, VERT.: 1:10 © 2008 TxDOT

FED.RD. DIV.NO.	PROJECT NO.	SHEET NO.
6		179

STATE	DIST.	COUNTY
TEXAS	21	HIDALGO

CONT.	SECT.	JOB	HIGHWAY NO.
0342	01	074	SH 107

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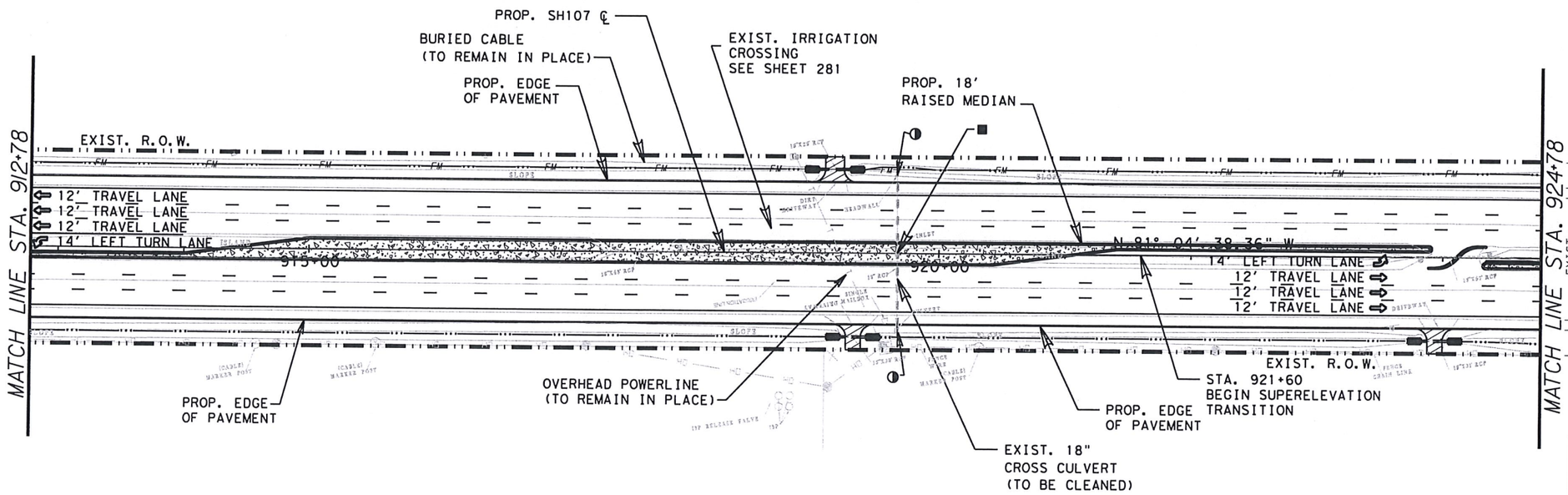


LEGEND:

- ★ TO BE REMOVED UNDER ITEM 100 "PREPARATION OF R.O.W."
- PROP. DRIVEWAY/TURNOUT
- PROP. CONCRETE DRIVEWAY
- PROP. PLANING (1.5")
- PROP. S.E.T.
- EXIST. INLET/MANH TO BE ADJUSTED/CAPPED
- EXISTING INLET TO BE REMOVED
- EXIST. STR. TO BE REMOVED
- EXIST. PIPE TO BE PLUGGED
- PROP. OBJECT MARKER-(OM-2Z) (FLX) GRD (BI)

N

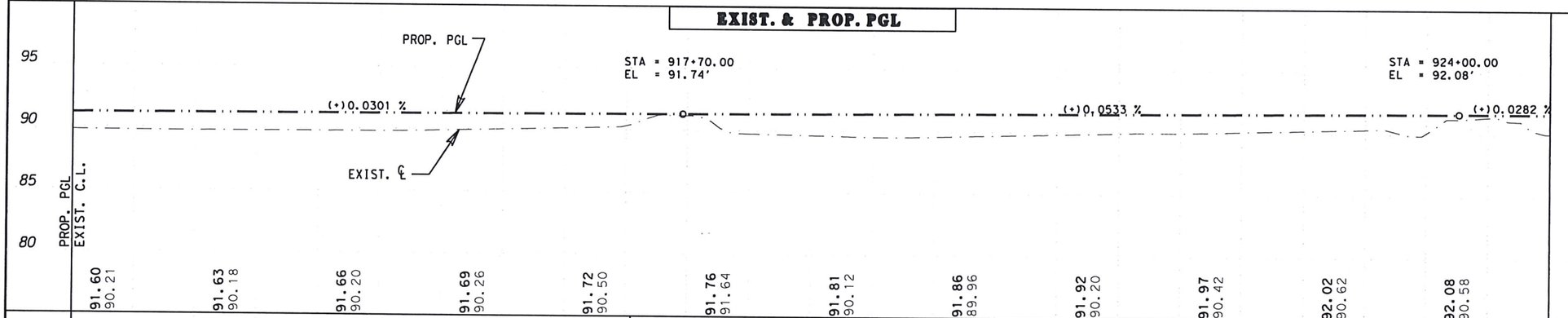
SHEET TOTALS

ITEM	EST.	UNIT	DESCRIPTION
467	2	EA	S.E.T. 18" (3:1)
479	1	EA	ADJUST MANHOLES & INLETS
480	1	EA	CLEAN EXIST. STRUCT.
496	2	EA	REMOVE STRUCTURES (SET)
496	1	EA	REMOVE STRUCTURES (HEADWALL)

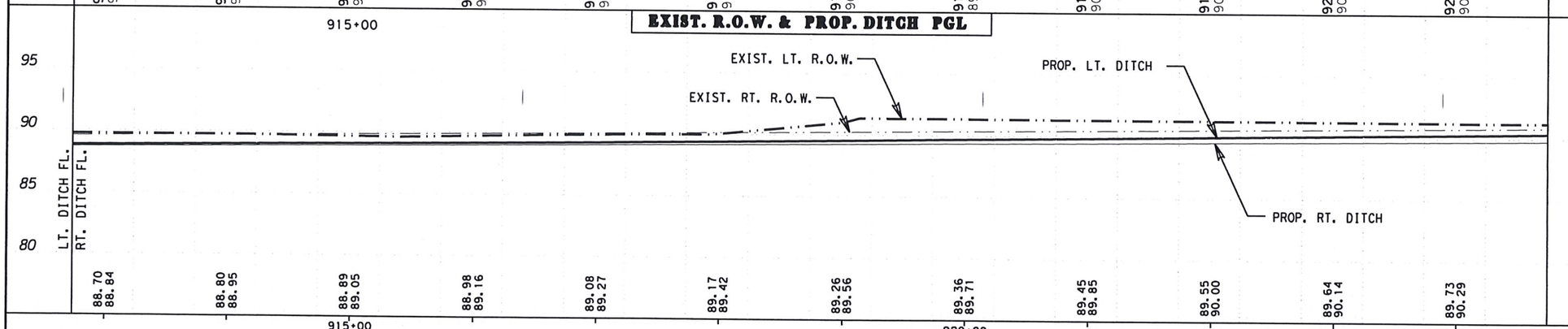
NOTE:

ALL UTILITIES ARE SHOWN FOR INFORMATION PURPOSES ONLY. THE CONTRACTOR SHALL COORDINATE WITH ALL UTILITY COMPANIES TO FIELD VERIFY UTILITIES PRIOR TO CONSTRUCTION.

EXIST. & PROP. PGL



EXIST. R.O.W. & PROP. DITCH PGL



Texas Department of Transportation

STATE OF TEXAS
VALENTE OLIVAREZ, JR.
93792
LICENSED PROFESSIONAL ENGINEER
11-19-08

LEGEND:

- PROP. SH 107 P.G.L.
- EXIST. NAT. GRD.

LEGEND:

- EXIST. LT. R.O.W. LINE
- EXIST. RT. R.O.W. LINE
- PROP. LT. DITCH FL.
- PROP. RT. DITCH FL.

SH 107
PLAN & PROFILE

SHEET 25 OF 32 SHEETS

SCALE: HOR.: 1:100, VERT.: 1:10 © 2008 TxDOT

FED.RD. DIV.NO.	PROJECT NO.	SHEET NO.
6		181

STATE	DIST.	COUNTY
TEXAS	21	HIDALGO

CONT.	SECT.	JOB	HIGHWAY NO.
0342	01	074	SH 107

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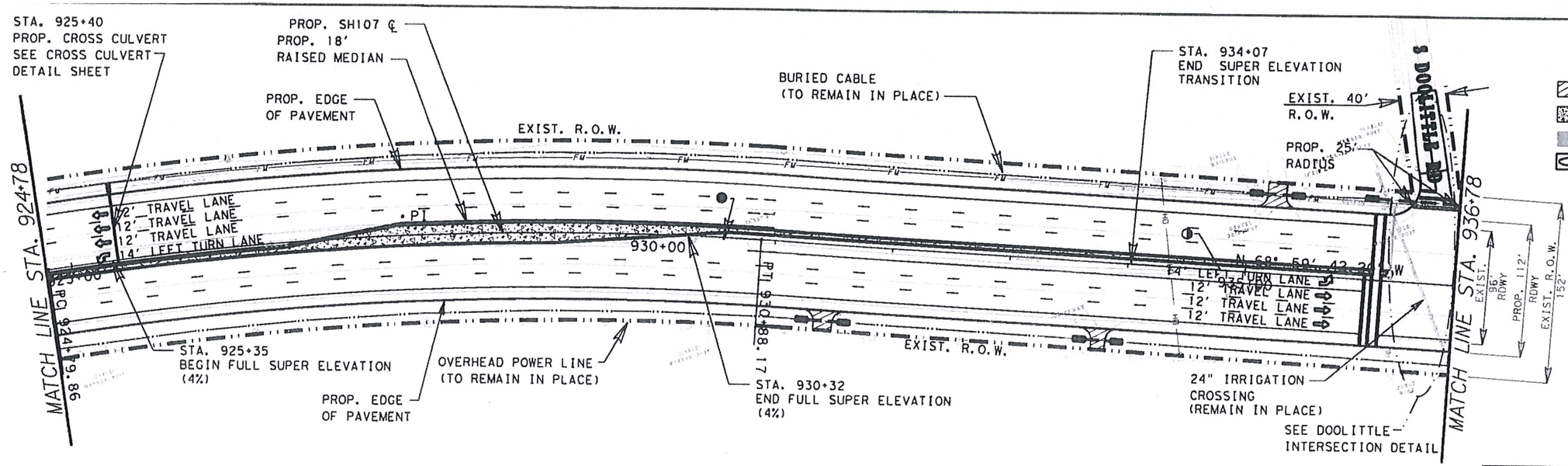
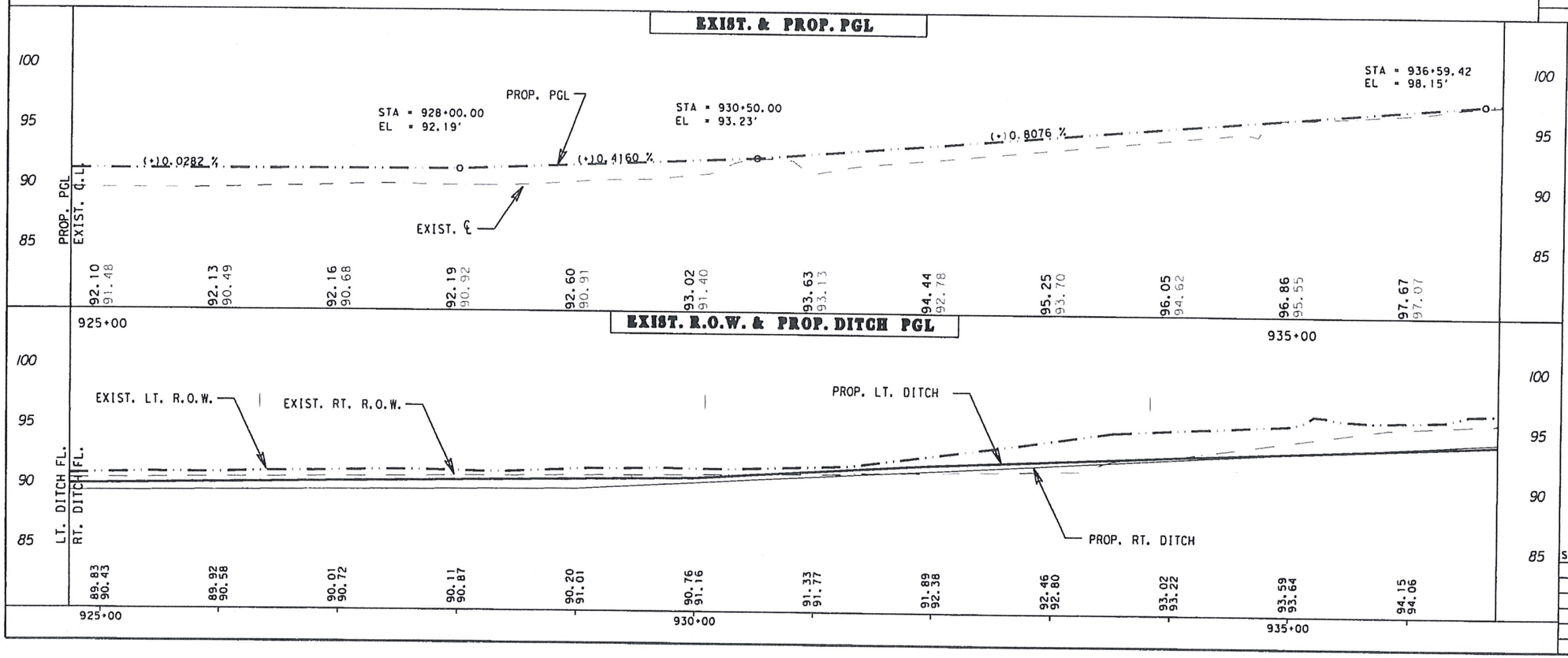


SHEET TOTALS

ITEM	EST.	UNIT	DESCRIPTION
496	1	EA	REMOVE STRUCTURES (S.E.T.)

NOTE:

ALL UTILITIES ARE SHOWN FOR INFORMATION PURPOSES ONLY. THE CONTRACTOR SHALL COORDINATE WITH ALL UTILITY COMPANIES TO FIELD VERIFY UTILITIES PRIOR TO CONSTRUCTION.



Texas Department of Transportation

STATE OF TEXAS
VALENTE OLIVAREZ, JR.
93792
LICENSED
PROFESSIONAL ENGINEER
11-19-08

LEGEND:

PROP. SH 107 P.G.L.
EXIST. NAT. GRD.

LEGEND:

EXIST. LT. R.O.W. LINE
EXIST. RT. R.O.W. LINE
PROP. LT. DITCH FL.
PROP. RT. DITCH FL.

SH 107
PLAN & PROFILE

SHEET 26 OF 32 SHEETS

SCALE: HOR.: 1:100, VERT.: 1:10 © 2008 TxDOT

FED. RD. DIV. NO.	PROJECT NO.		SHEET NO.
6			182
STATE	DIST.	COUNTY	
TEXAS	21	HIDALGO	
CONT.	SECT.	JOB	HIGHWAY NO.
0342	01	074	SH 107

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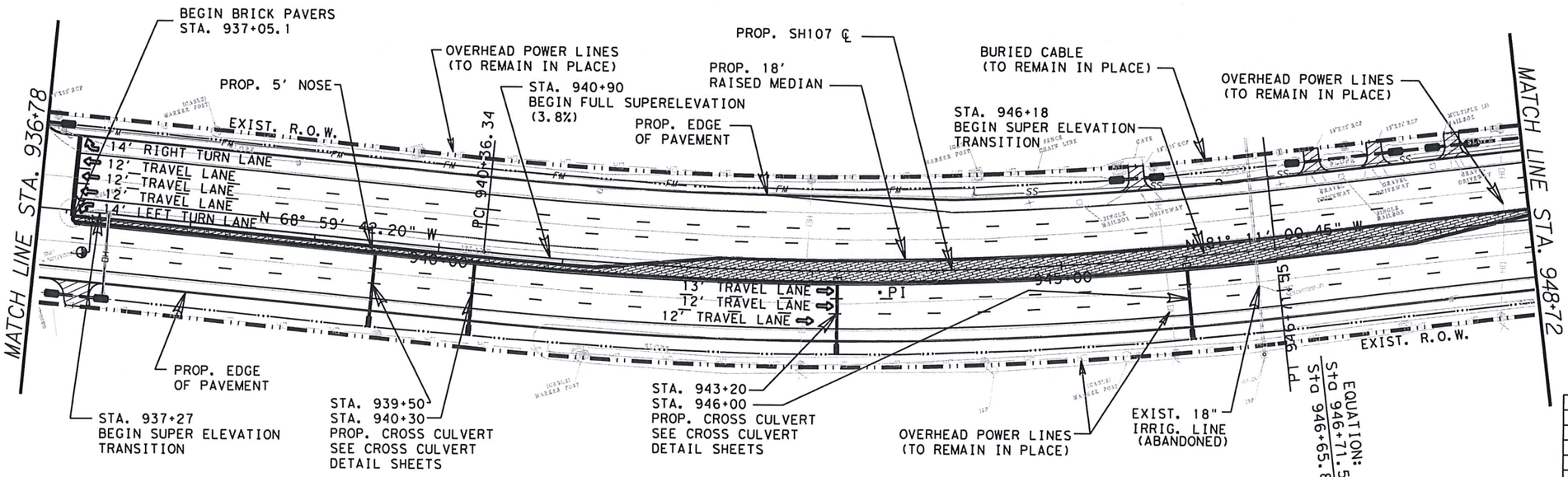


LEGEND:

- ★ TO BE REMOVED UNDER ITEM 100 "PREPARATION OF R.O.W."
- PROP. DRIVEWAY/TURNOUT
- PROP. CONCRETE DRIVEWAY
- PROP. PLANING (1.5")
- PROP. S.E.T.
- EXIST. INLET/MANH TO BE ADJUSTED/CAPPED
- EXISTING INLET TO BE REMOVED
- EXIST. STR. TO BE REMOVED
- EXIST. PIPE TO BE PLUGGED
- PROP. OBJECT MARKER-(OM-2Z) (FLX) GRD (BI)

N

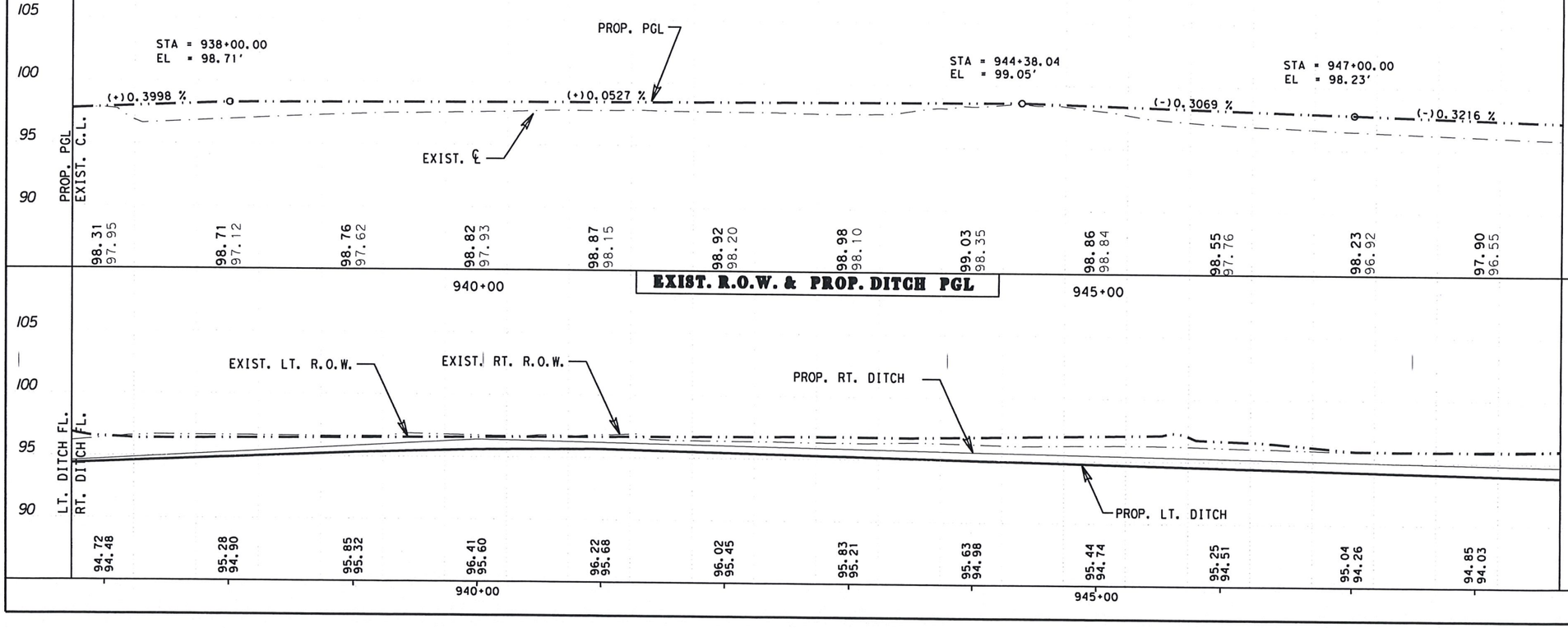
SHEET TOTALS

ITEM	EST.	UNIT	DESCRIPTION
496	1	EA	REMOVE STRUCTURES (S.E.T.)

NOTE:

ALL UTILITIES ARE SHOWN FOR INFORMATION PURPOSES ONLY. THE CONTRACTOR SHALL COORDINATE WITH ALL UTILITY COMPANIES TO FIELD VERIFY UTILITIES PRIOR TO CONSTRUCTION.

EXIST. & PROP. PGL



EXIST. R.O.W. & PROP. DITCH PGL

LEGEND:

- PROP. SH 107 P.G.L.
- EXIST. NAT. GRD.

LEGEND:

- EXIST. LT. R.O.W. LINE
- EXIST. RT. R.O.W. LINE
- PROP. LT. DITCH FL.
- PROP. RT. DITCH FL.

Texas Department of Transportation

STATE OF TEXAS
VALENTE OLIVAREZ, JR.
93792
LICENSED PROFESSIONAL ENGINEER
11-14-18

SH 107
PLAN & PROFILE

SHEET 27 OF 32 SHEETS

SCALE: HOR.: 1:100, VERT.: 1:10 © 2008 TxDOT

FED. RD. DIV. NO.	PROJECT NO.		SHEET NO.
6			183
STATE	DIST.	COUNTY	
TEXAS	21	HIDALGO	
CONT.	SECT.	JOB	HIGHWAY NO.
0342	01	074	SH 107

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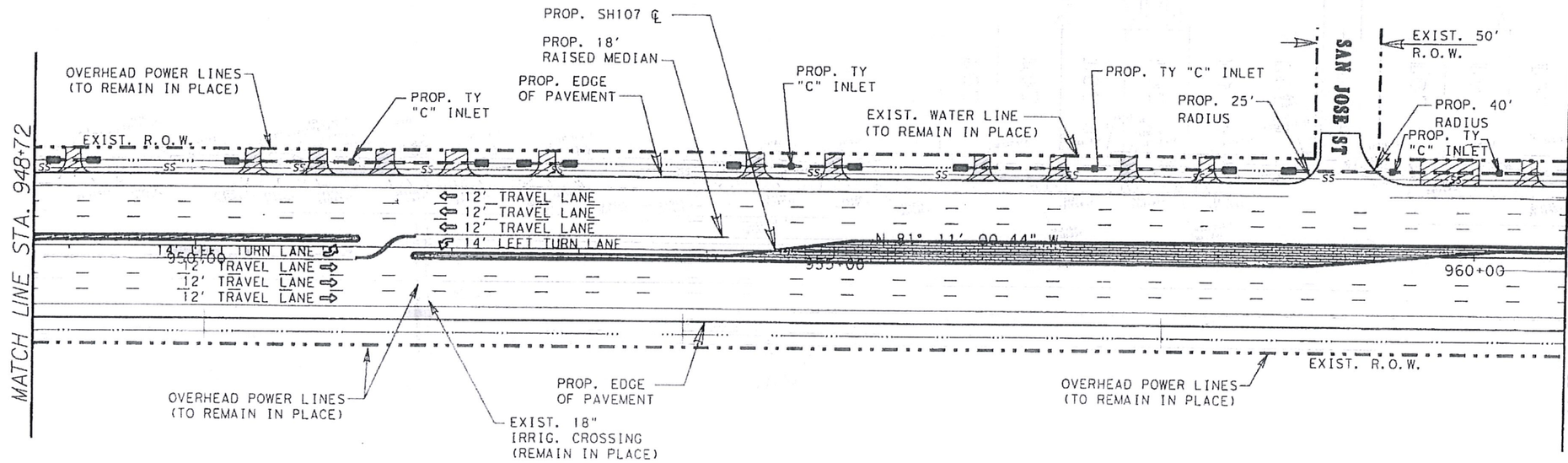


LEGEND:

- ★ TO BE REMOVED UNDER ITEM 100 "PREPARATION OF R.O.W."
- PROP. DRIVEWAY/TURNOUT
- PROP. CONCRETE DRIVEWAY
- PROP. PLANING (1.5")
- PROP. S.E.T.
- EXIST. INLET/MANH TO BE ADJUSTED/CAPPED
- EXISTING INLET TO BE REMOVED
- EXIST. STR. TO BE REMOVED
- EXIST. PIPE TO BE PLUGGED
- PROP. OBJECT MARKER-(OM-2Z) (FLX) GRD (BI)

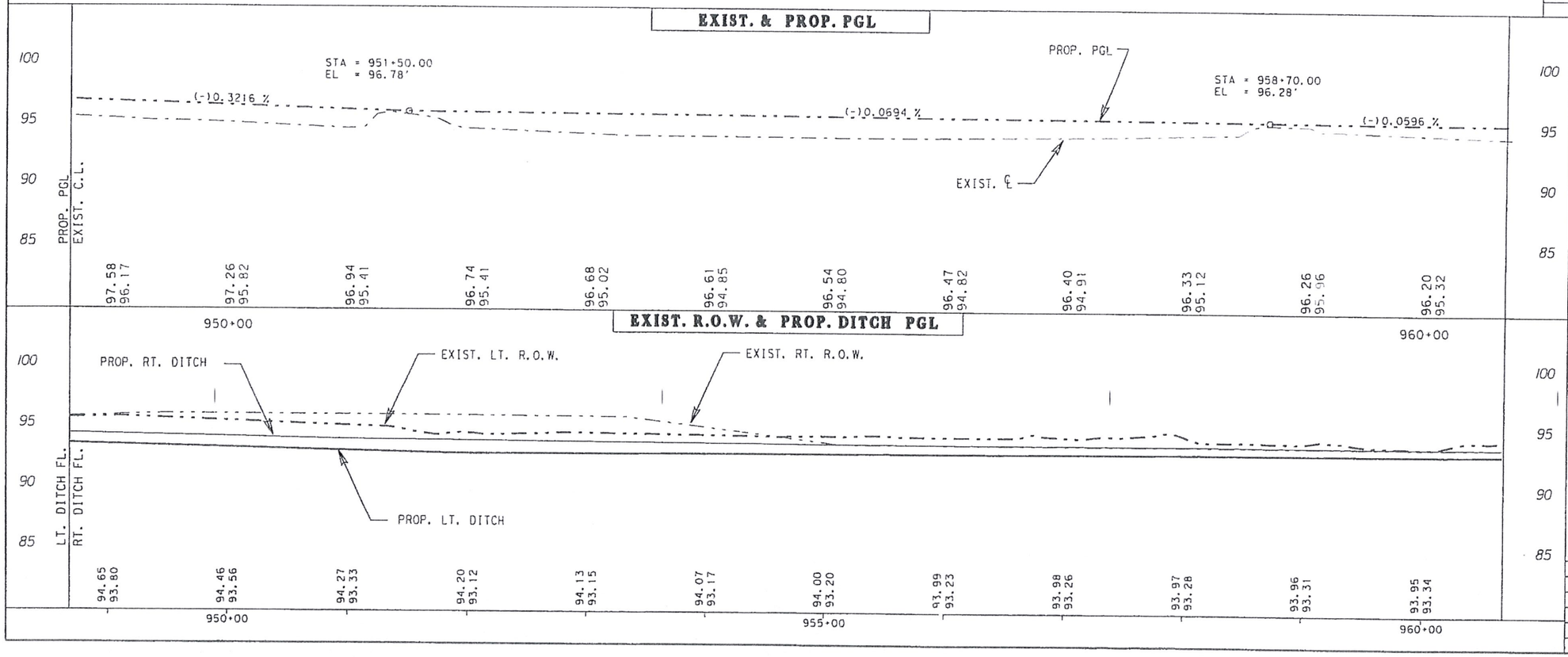
N

SHEET TOTALS

ITEM	EST.	UNIT	DESCRIPTION
465	5	EA	INLET (COMPL) (TY C)

NOTE:

ALL UTILITIES ARE SHOWN FOR INFORMATION PURPOSES ONLY. THE CONTRACTOR SHALL COORDINATE WITH ALL UTILITY COMPANIES TO FIELD VERIFY UTILITIES PRIOR TO CONSTRUCTION.



LEGEND:

- PROP. SH 107 P.G.L.
- EXIST. NAT. GRD.

LEGEND:

- EXIST. LT. R.O.W. LINE
- EXIST. RT. R.O.W. LINE
- PROP. LT. DITCH FL.
- PROP. RT. DITCH FL.

Texas Department of Transportation

STATE OF TEXAS
VALENTE OLIVAREZ, JR.
93792
LICENSED PROFESSIONAL ENGINEER

11-19-08
VALENTE OLIVAREZ, JR. DATE

SH 107
PLAN & PROFILE

SHEET 28 OF 32 SHEETS

SCALE: HOR.: 1:100, VERT.: 1:10 © 2008 TxDOT

FED.RD. DIV.NO.	PROJECT NO.	SHEET NO.
6		184

STATE	DIST.	COUNTY
TEXAS	21	HIDALGO

CONT.	SECT.	JOB	HIGHWAY NO.
0342	01	074	SH 107

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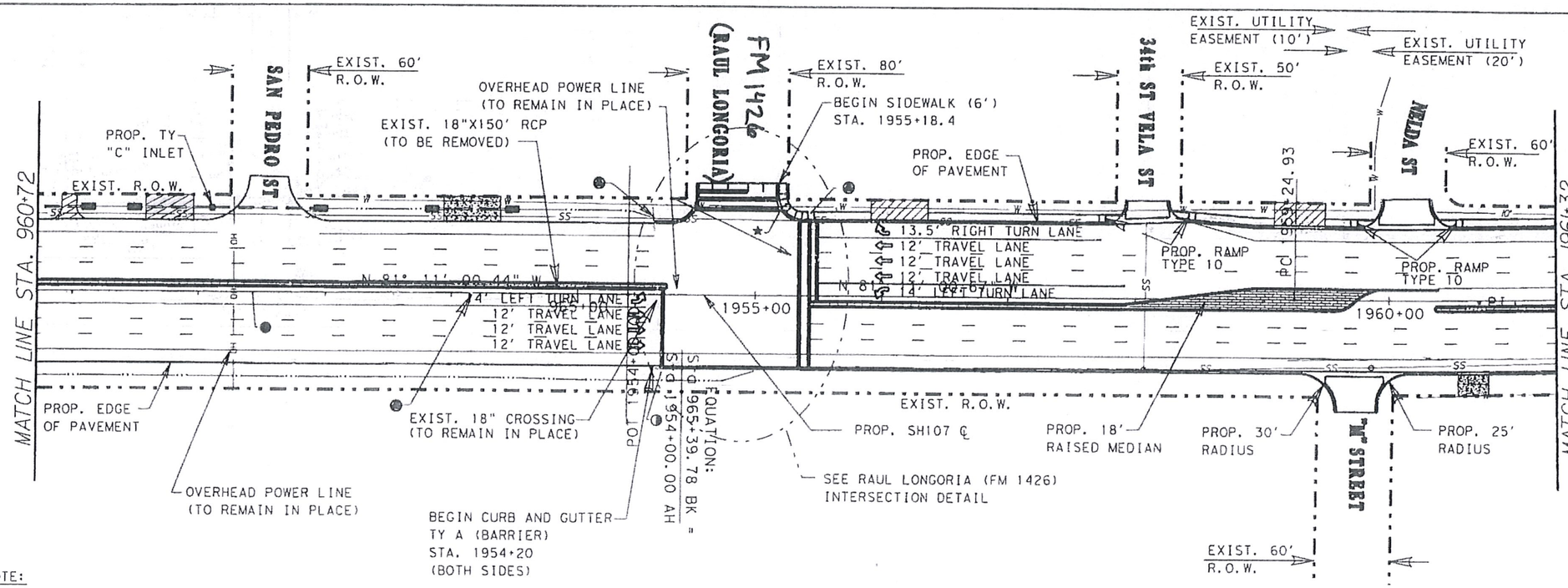


LEGEND:

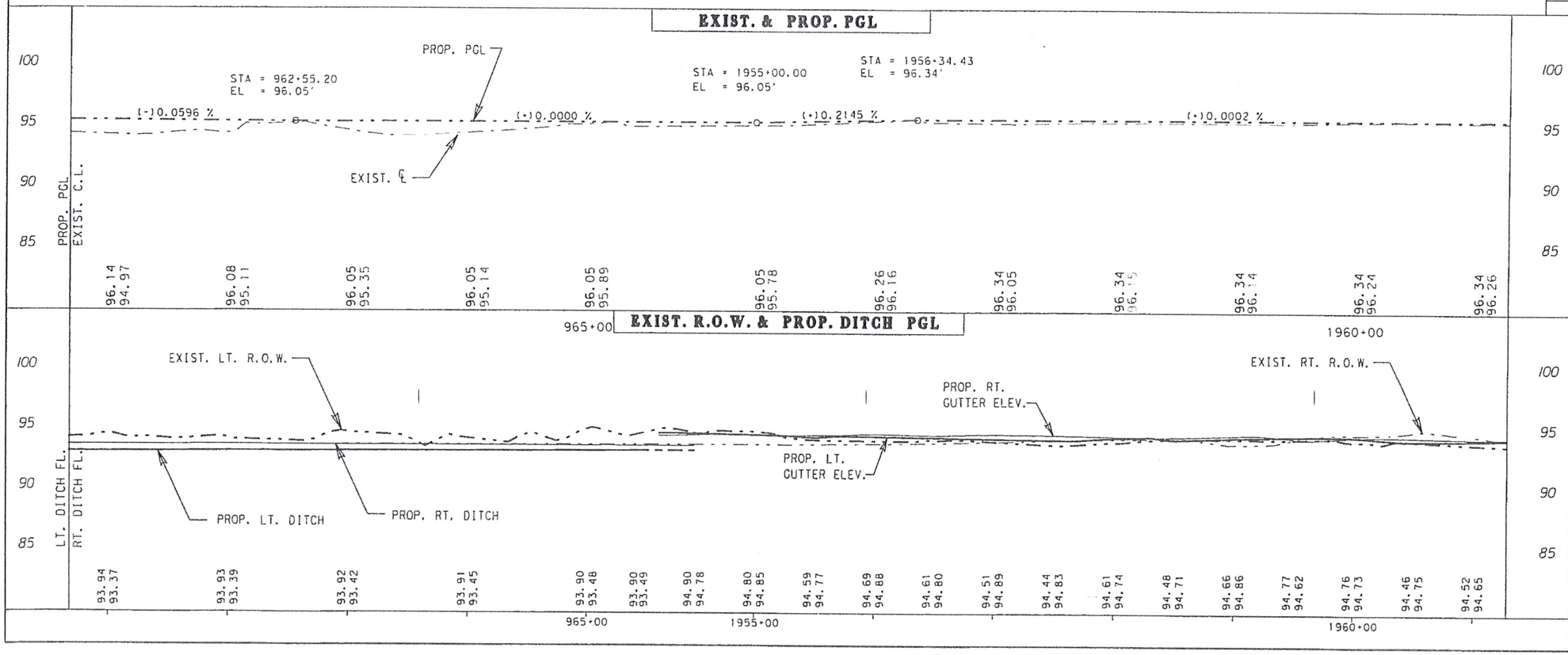
- ★ TO BE REMOVED UNDER ITEM 100 "PREPARATION OF R.O.W."
- PROP. DRIVEWAY/TURNOUT
- PROP. CONCRETE DRIVEWAY
- PROP. PLANING (1.5")
- PROP. S.E.T.
- EXIST. INLET/MANH TO BE ADJUSTED/CAPPED
- EXISTING INLET TO BE REMOVED
- EXIST. STR. TO BE REMOVED
- EXIST. PIPE TO BE PLUGGED
- PROP. OBJECT MARKER-(OM-2Z) (FLX) GRD (BI)

NOTE:

ALL UTILITIES ARE SHOWN FOR INFORMATION PURPOSES ONLY. THE CONTRACTOR SHALL COORDINATE WITH ALL UTILITY COMPANIES TO FIELD VERIFY UTILITIES PRIOR TO CONSTRUCTION.

SHEET TOTALS

ITEM	EST.	UNIT	DESCRIPTION
465	1	EA	INLET (COMPL) (TY C)
496	3	EA	REMOVE STRUCTURE (INLET)
496	1	EA	REMOVE STRUCTURE (HEADWALL)
496	150	EA	REMOVE STRUCTURE (PIPE)
529	195	LF	PROP. 4' CONC. VALLEY GUTTER TY "A"
529	1400	LF	CONC. C&G (TY A) (BARRIER)
531	234	SY	CONC. SIDEWALK (4")
531	4	EA	CURB RAMPS (TY 10)



Texas Department of Transportation

STATE OF TEXAS
VALENTE OLIVAREZ, JR.
93792
LICENSED PROFESSIONAL ENGINEER

VALENTE OLIVAREZ, JR. 11-19-08 DATE

LEGEND:

- PROP. SH 107 P.G.L.
- EXIST. NAT. GRD.

LEGEND:

- EXIST. LT. R.O.W. LINE
- EXIST. RT. R.O.W. LINE
- PROP. LT. DITCH FL.
- PROP. RT. DITCH FL.

SH 107
PLAN & PROFILE

SHEET 29 OF 32 SHEETS

SCALE: HOR.: 1:100, VERT.: 1:10 © 2008 TxDOT

FED. RD. DIV. NO.	PROJECT NO.	SHEET NO.
6		185

STATE	DIST.	COUNTY
TEXAS	21	HIDALGO

CONT.	SECT.	JOB	HIGHWAY NO.
0342	01	074	SH 107

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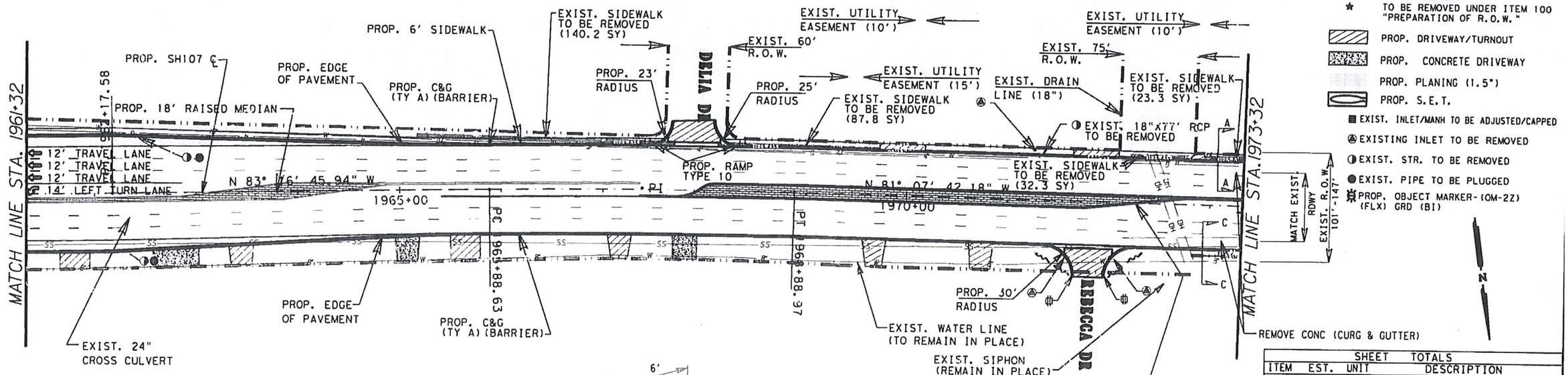


LEGEND:

- ★ TO BE REMOVED UNDER ITEM 100 "PREPARATION OF R.O.W."
- PROP. DRIVEWAY/TURNOUT
- PROP. CONCRETE DRIVEWAY
- PROP. PLANING (1.5")
- PROP. S.E.T.
- EXIST. INLET/MANH TO BE ADJUSTED/CAPPED
- EXISTING INLET TO BE REMOVED
- EXIST. STR. TO BE REMOVED
- EXIST. PIPE TO BE PLUGGED
- PROP. OBJECT MARKER-(OM-2Z) (FLX) GRD (BI)

NOTE:

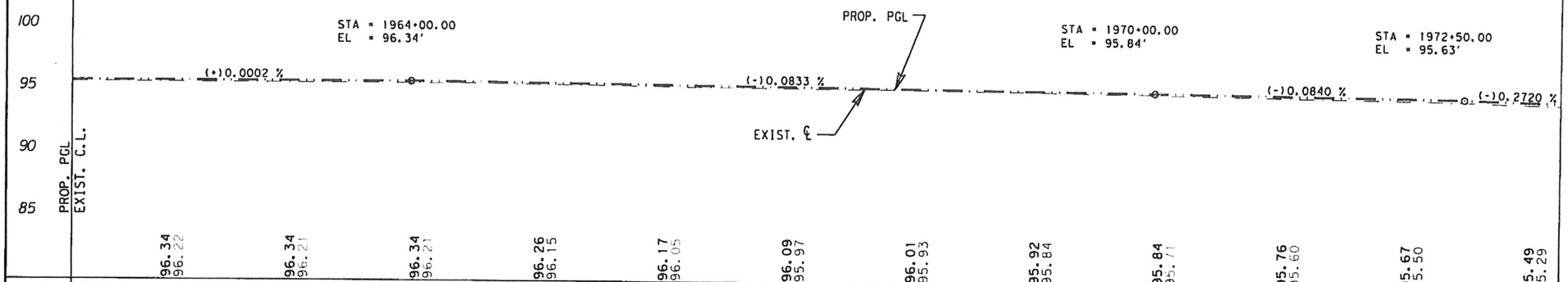
ALL UTILITIES ARE SHOWN FOR INFORMATION PURPOSES ONLY. THE CONTRACTOR SHALL COORDINATE WITH ALL UTILITY COMPANIES TO FIELD VERIFY UTILITIES PRIOR TO CONSTRUCTION.

NOTE:
SECTION A-A (EXCEPTION OF SECTION B-B) AND SECTION C-C (EXCEPTION OF SECTION D-D) BEGINS FROM REBECCA DR. TO SOUTHBOUND FRONTAGE

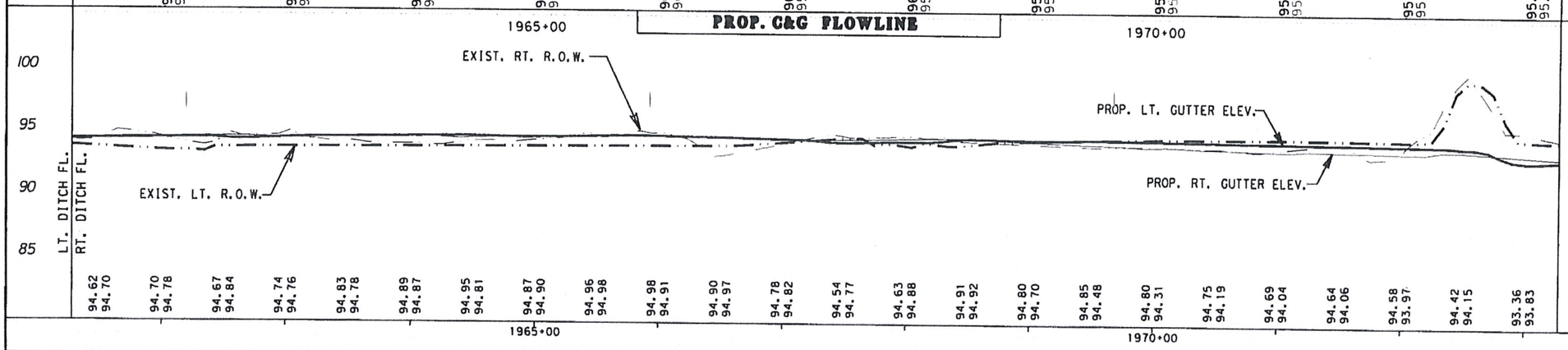
SHEET TOTALS

ITEM	EST.	UNIT	DESCRIPTION
104	70	LF	REMOVE CONC (CURB & GUTTER)
104	283.6	SY	REMOVE CONC (SIDEWALK)
354	782	SY	PLANE ASPH CONC PAV (1.5")
432	0.1	CY	PROP. RIPRAP (4 IN.)
496	77	LF	REMOVE STRUCTURES (PIPE)
496	3	EA	REMOVE STRUCTURES (INLET)
496	2	EA	REMOVE STRUCTURES (HEADWALL)
529	165	LF	PROP. 4' CONC. VALLEY GUTTER TY. "A"
529	2347	LF	CONC C&G (TY A) (BARRIER)
531	664	SY	CONC SIDEWALK (4")
531	2	EA	CURB RAMPS (TY 10)

EXIST. & PROP. PGL



PROP. C&G FLOWLINE



Texas Department of Transportation

STATE OF TEXAS
ATIDIO R. GARZA
93834
LICENSED PROFESSIONAL ENGINEER

7/12/2018
ATIDIO R. GARZA DATE

LEGEND:
- PROP. SH 107 P.G.L.
- EXIST. NAT. GRD.

LEGEND:
- PROP. LT. GUTTER FL.
- PROP. RT. GUTTER FL.

SH 107
PLAN & PROFILE

SHEET 30 OF 32 SHEETS

SCALE: HOR.: 1:100, VERT.: 1:10 © 2008 TxDOT

FED. RD. DIV. NO.	PROJECT NO.	SHEET NO.
6	STP 2019 (085)	186

STATE	DIST.	COUNTY
TEXAS	21	HIDALGO

CONT.	SECT.	JOB	HIGHWAY NO.
0342	01	074	SH 107

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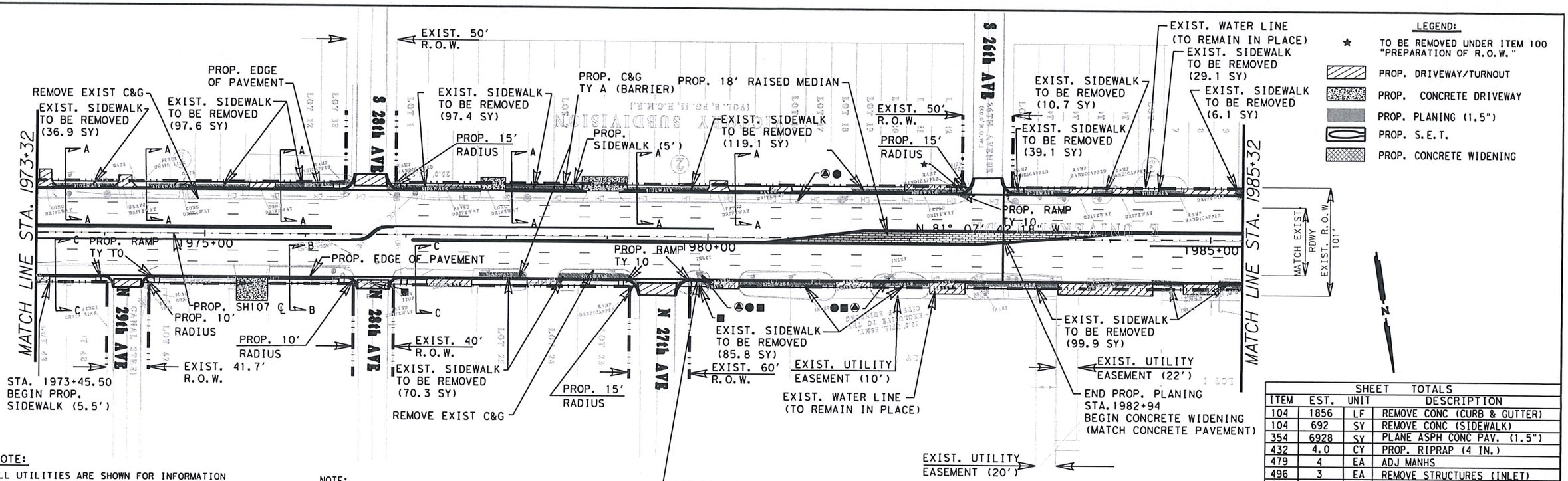

NOTE:
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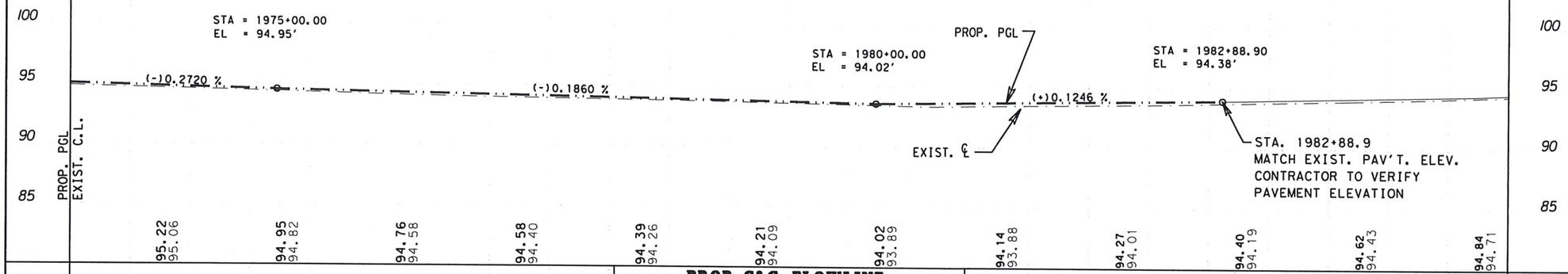
NOTE:
SECTION A-A (EXCEPTION OF SECITON B-B) AND SECTION C-C (EXCEPTION OF SECTION D-D) BEGINS FROM REBECCA DR. TO SOUTHBOUND FRONTAGE

SHEET TOTALS

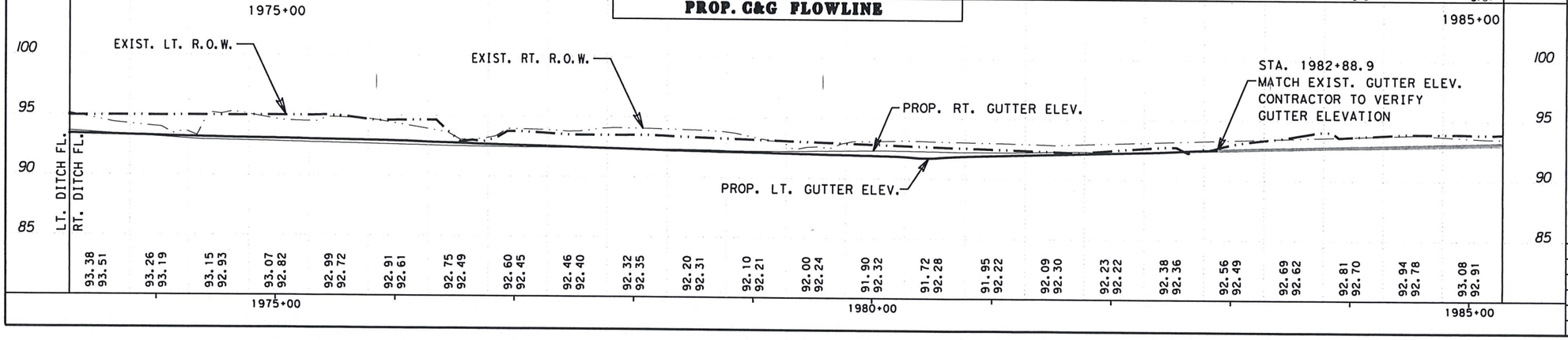
ITEM	EST.	UNIT	DESCRIPTION
104	1856	LF	REMOVE CONC (CURB & GUTTER)
104	692	SY	REMOVE CONC (SIDEWALK)
354	6928	SY	PLANE ASPH CONC PAV. (1.5")
432	4.0	CY	PROP. RIPRAP (4 IN.)
479	4	EA	ADJ MANHS
496	3	EA	REMOVE STRUCTURES (INLET)
496	8	LF	REMOVE STRUCTURES (PIPE)
529	88	LF	PROP. 4' CONC. VALLEY GUTTER TY "A"
529	1878	LF	CONC. C&G (TY A) (BARRIER)
531	733	SY	CONC. SIDEWALK (4")
531	5	EA	CURB RAMPS (TY 10)

EXIST. & PROP. PGL



LEGEND:
PROP. SH 107 P.G.L.
EXIST. NAT. GRD.

PROP. C&G FLOWLINE



LEGEND:
PROP. LT. GUTTER FL.
PROP. RT. GUTTER FL.

Texas Department of Transportation

STATE OF TEXAS
ATIDIO R. GARZA
93834
LICENSED PROFESSIONAL ENGINEER

7/12/2018
ATIDIO R. GARZA — DATE

SH 107
PLAN & PROFILE

SHEET 31 OF 32 SHEETS
SCALE: HOR.: 1:100, VERT.: 1:10 © 2008 TxDOT

FED. RD. DIV. NO.	PROJECT NO.		SHEET NO.
6	STP 2019 (085)		187
STATE	DIST.	COUNTY	
TEXAS	21	HIDALGO	
CONT.	SECT.	JOB	HIGHWAY NO.
0342	01	074	SH 107

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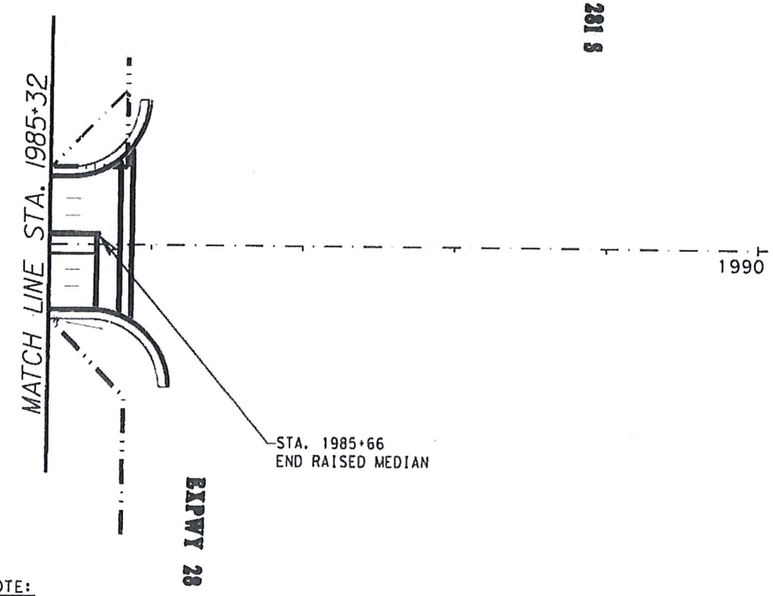

NOTE:

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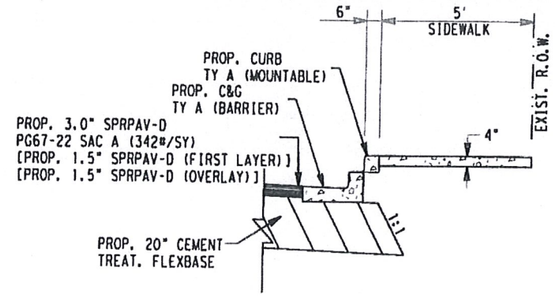
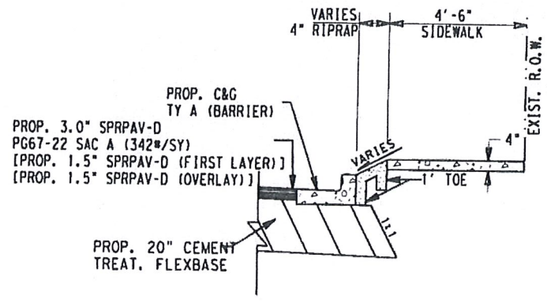
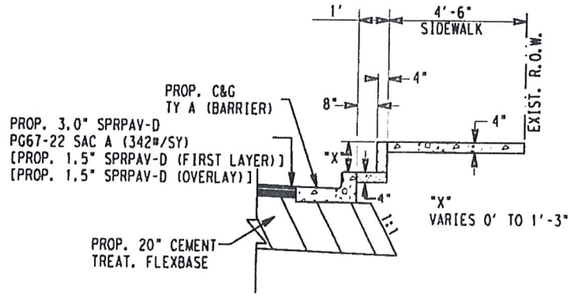


DETAIL A-A
SCALE: N.T.S.



DETAIL C-C
SCALE: N.T.S.



DETAIL B-B
SCALE: N.T.S.

LEGEND:

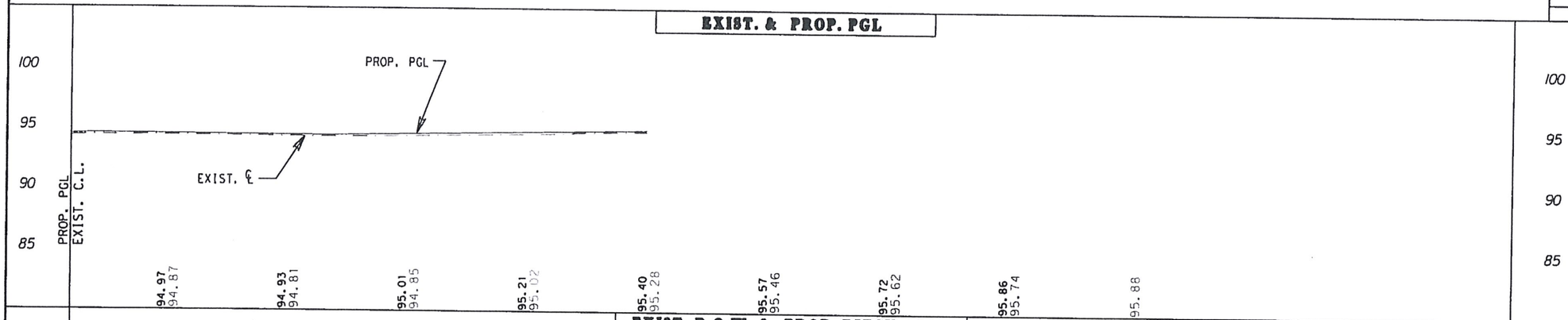
- ★ TO BE REMOVED UNDER ITEM 100 "PREPARATION OF R.O.W."
- PROP. DRIVEWAY/TURNOUT
- PROP. CONCRETE DRIVEWAY
- PROP. PLANING (1.5")
- PROP. S.E.T.
- EXIST. INLET/MANH TO BE ADJUSTED/CAPPED
- EXISTING INLET TO BE REMOVED
- EXIST. STR. TO BE REMOVED
- EXIST. PIPE TO BE PLUGGED
- PROP. OBJECT MARKER-(OM-2Z) (FLX) GRD (BI)

N

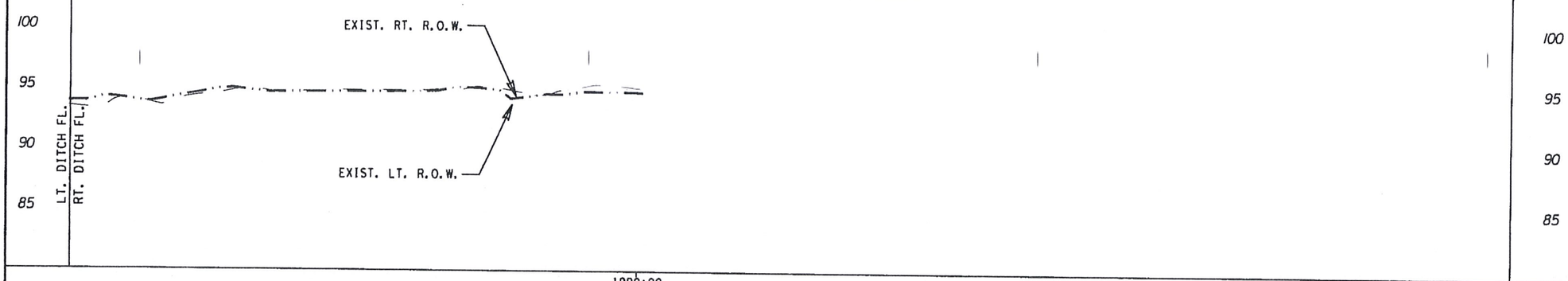
SHEET TOTALS

ITEM	EST.	UNIT	DESCRIPTION
104	157.2	SY	REMOVE CONC (CURB & GUTTER)

EXIST. & PROP. PGL



EXIST. R.O.W. & PROP. DITCH PGL



Texas Department of Transportation

STATE OF TEXAS
ATIDIO R. GARZA
93834
LICENSED PROFESSIONAL ENGINEER

7/12/2018
ATIDIO R. GARZA DATE

LEGEND:

- PROP. SH 107 P.G.L.
- EXIST. NAT. GRD.

LEGEND:

- EXIST. LT. R.O.W. LINE
- EXIST. RT. R.O.W. LINE
- PROP. LT. DITCH FL.
- PROP. RT. DITCH FL.

SH 107
PLAN & PROFILE

SHEET 32 OF 32 SHEETS

SCALE: HOR.: 1:100, VERT.: 1:10 © 2008 TxDOT

FED.RD. DIV.NO.	PROJECT NO.		SHEET NO.
6	STP 2019 (085)		188
STATE	DIST.	COUNTY	
TEXAS	21	HIDALGO	
CONT.	SECT.	JOB	HIGHWAY NO.
0342	01	074	SH 107

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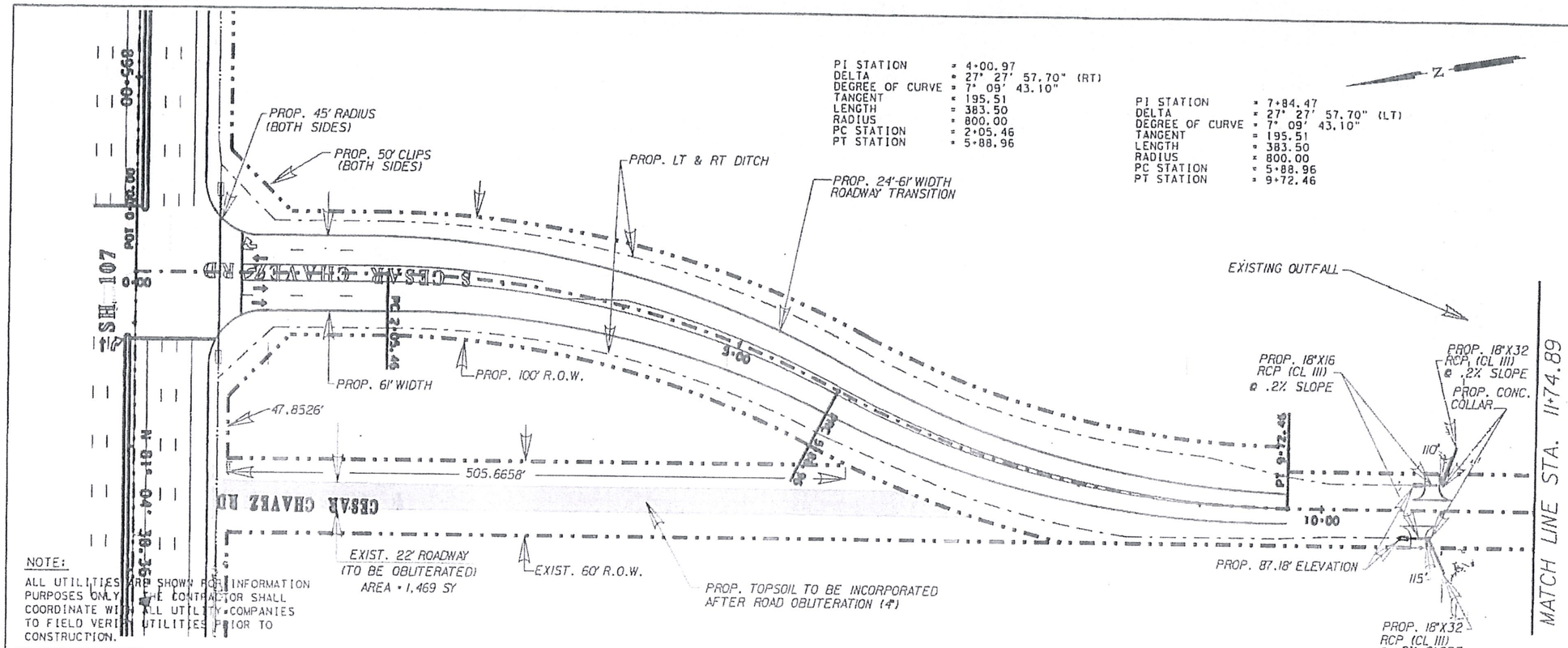

NOTE:

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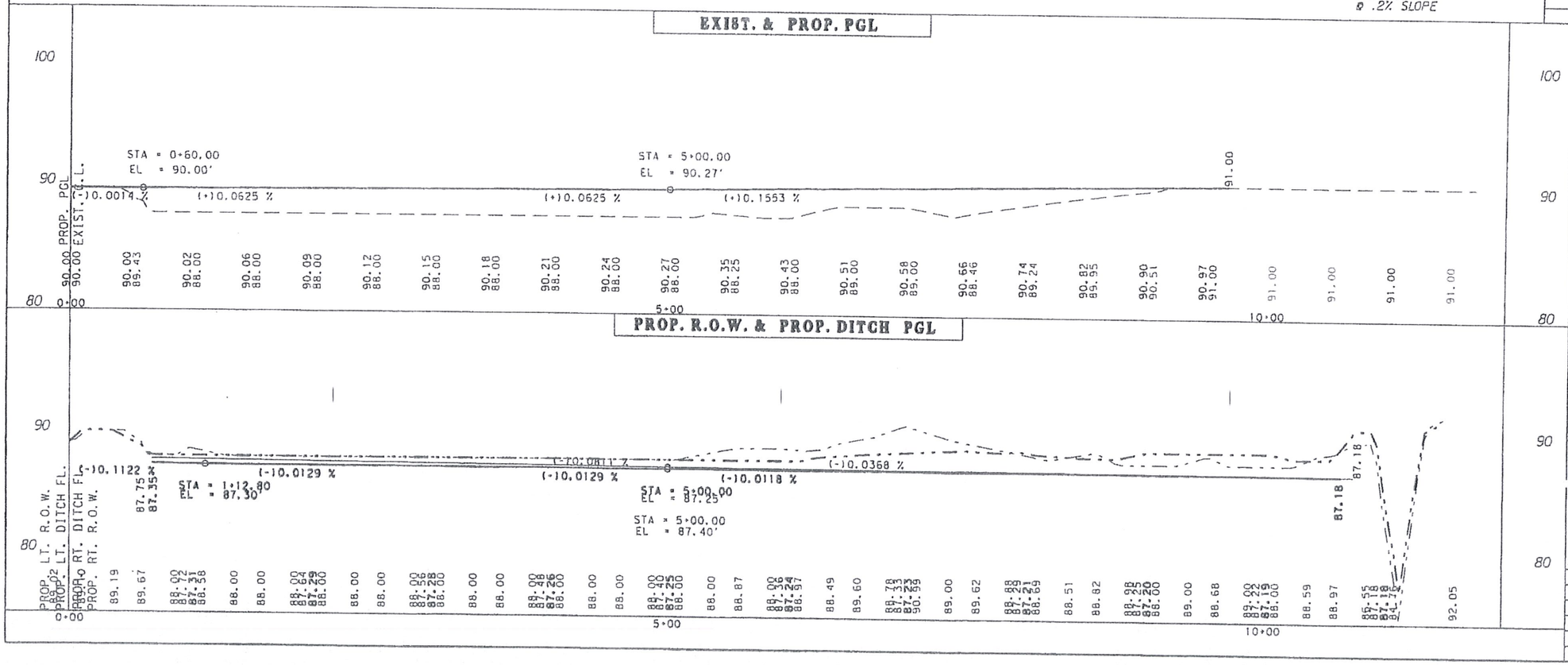
NOTE:

ASPHALT AND BASE MATERIAL FROM OBLITERATION TO BE HAULED OFF OF PROJECT AND DISPOSED OF BY CONTRACTOR.

SHEET TOTALS

ITEM	EST.	UNIT	DESCRIPTION
106	1,469	SY	OBLITERATING ABANDONED ROAD
160	161	CY	FURNISHING AND PLACING TOPSOIL
464	96	LF	RCP (CL III)(18")(SPL)
467	2	EA	SAFETY END TREATMENT



LEGEND:

PROP. CESAR CHAVEZ P.G.L.

EXIST. NAT. GRD.

LEGEND:

PROP. LT. R.O.W. LINE

PROP. RT. R.O.W. LINE

PROP. LT. DITCH FL.

PROP. RT. DITCH FL.

Texas Department of Transportation

STATE OF TEXAS
VALENTE OLIVAREZ, JR.
93792
LICENSED PROFESSIONAL ENGINEER

VALENTE OLIVAREZ, JR. DATE 11-19-08

CESAR CHAVEZ PLAN & PROFILE

SHEET 1 OF 1 SHEETS

SCALE: HOR.: 1:100, VERT.: 1:10 © 2008 TxDOT

FED. RD. DIV. NO.	PROJECT NO.	SHEET NO.
6		190

STATE	DIST.	COUNTY
TEXAS	21	HIDALGO

CONT.	SECT.	JOB	HIGHWAY NO.
0342	01	074	SH 107

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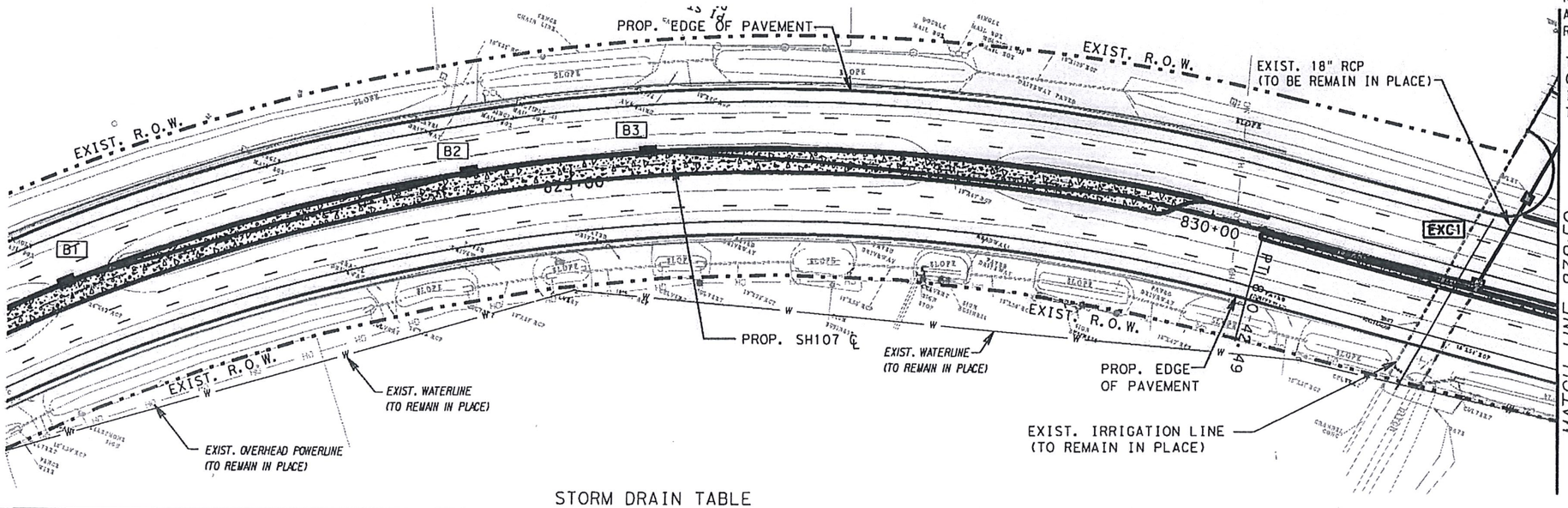


NOTE:
ALL EXIST. UTILITY LINES THAT ARE TO BE ADJUSTED OR REMAIN IN PLACE ARE PROVIDED FOR INFORMATION ONLY.

THE CONTRACTOR IS RESPONSIBLE FOR NOTIFYING ALL COMMERCIAL PROPERTY OWNERS WHO ARE DISCHARGING INTO TXDOT ROW OF THEIR RESPONSIBILITY TO CONNECT TO THE PROPOSED STORM DRAIN SYSTEM.

- ⊛ EXIST. DRVWY. STR. TO BE REMOVED. SEE DRIVEWAY TABLE FOR QTY.
- ⊙ EXIST. DRAIN. STR. TO BE REMOVED
- ▶ DIRECTION OF FLOW
- ◇ EXIST. INLET OR MANHOLE TO BE ADJUSTED.
- ◑ PROP. CONC. PLUG (NON-PAY) WHERE PIPE HAS BEEN REMOVED FROM STRUCTURE.
- ⊕ POWER POLE TO BE RELOCATED BY OTHERS.
- ▽ SANITARY SEWER MANHOLE RING & COVER TO BE ADJ. BY OTHERS.

STORM DRAIN TABLE

STRUCTURE I.D.	DESCRIPTION	† STATION / OFFSET	TOP OF STR. ELEVATION	PROP. FL. OF STRUCTURE	PROP. FL. OF PIPE (NORTH)	PROP. FL. OF PIPE (SOUTH)	PROP. FL. OF PIPE (EAST)	PROP. FL. OF PIPE (WEST)
B1	TY "A" INLET W/ EXT.	821+00, 9' LT.	80.64	77.04				77.04
B2	TY "A" INLET	824+22, 9' LT.	80.35	76.06			76.56	76.06
B3	TY "A-1" INLET W/ EXT.	825+60, 9' LT.	80.93	75.86			75.86	75.86

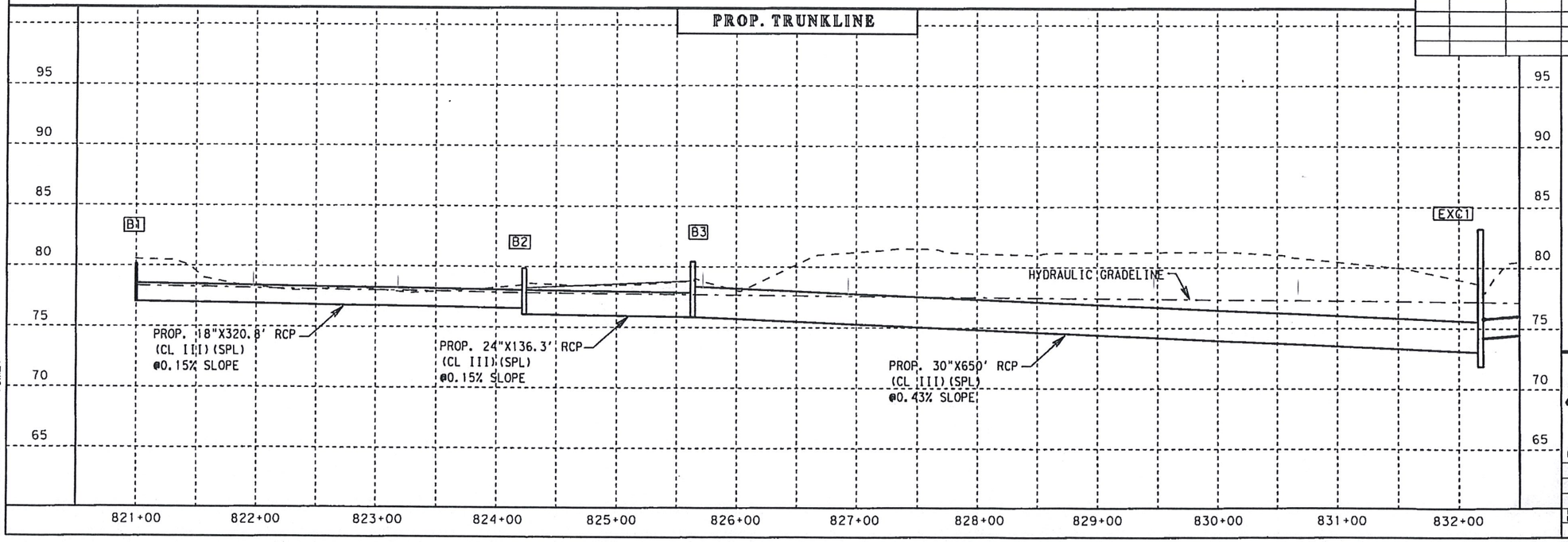
SEE HYDRAULIC DATA SHEETS FOR ADDITIONAL INFORMATION.
† SEE INLET DETAILS FOR OFFSET DESCRIPTION.

STATE OF TEXAS
VALENTE OLIVAREZ, JR.
93792
LICENSED PROFESSIONAL ENGINEER

Valente Olivarez 11-10-08
VALENTE OLIVAREZ, JR. DATE

SHEET TOTALS

ITEM	EST.	FINAL	UNIT	DESCRIPTION
496			EA	REMOVE EXIST. INLET
496			LF	REMOVE EXIST. PIPE



LEGEND:
- - - - - - - EXIST. N.G. @ TRUNKLINE

PLAN 1" =100' PROFILE 1" =10'

Texas Department of Transportation

SH 107
UTILITY & DRAINAGE

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PROJECT NO.			SHEET 1 OF 7 SHEETS				SHEET NO.
							278
FED. RD. DIV. NO.	STATE	DIST.	COUNTY	CONT.	SECT.	JOB	HIGHWAY NO.
6	TEXAS	21	HIDALGO	0342	01	074	SH 107

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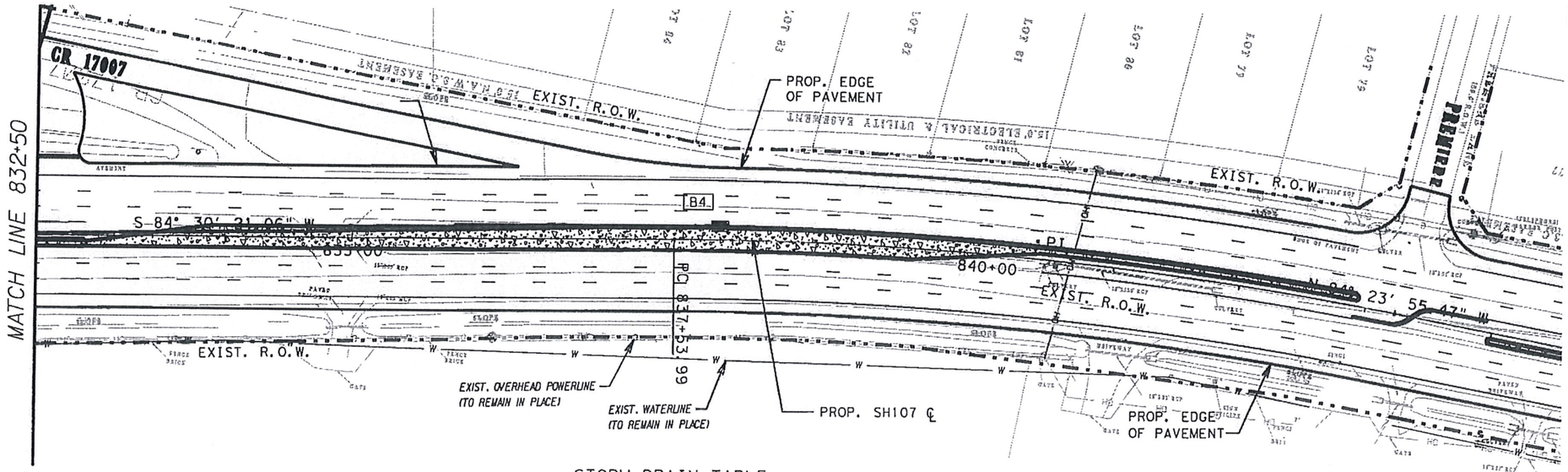
DATE: $DATE$



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- EXIST. DRVWY. STR. TO BE REMOVED. SEE DRIVEWAY TABLE FOR QTY.
- EXIST. DRAIN. STR. TO BE REMOVED
- DIRECTION OF FLOW
- EXIST. INLET OR MANHOLE TO BE ADJUSTED.
- PROP. CONC. PLUG (NON-PAY) WHERE PIPE HAS BEEN REMOVED FROM STRUCTURE.
- POWER POLE TO BE RELOCATED BY OTHERS.
- SANITARY SEWER MANHOLE RING & COVER TO BE ADJ. BY OTHERS.

STORM DRAIN TABLE

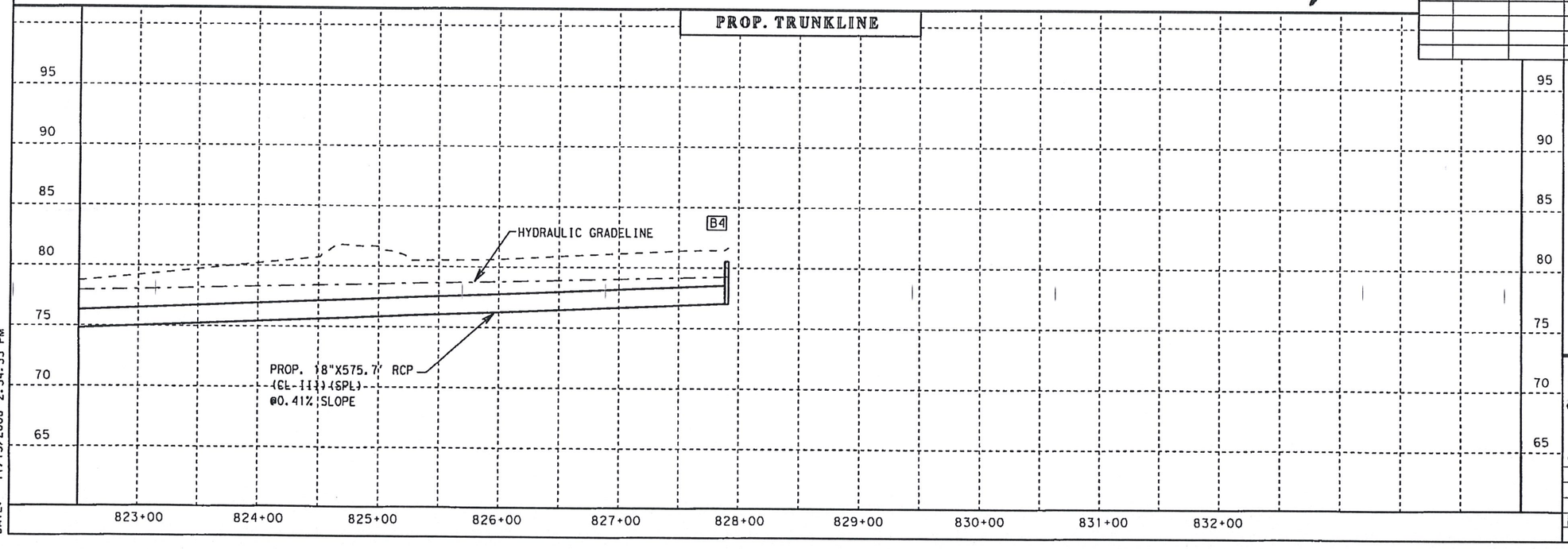
STRUCTURE I.D.	DESCRIPTION	† STATION / OFFSET	TOP OF STR. ELEVATION	PROP. FL. OF STRUCTURE	PROP. FL. OF PIPE (NORTH)	PROP. FL. OF PIPE (SOUTH)	PROP. FL. OF PIPE (EAST)	PROP. FL. OF PIPE (WEST)
B4	TY "A" INLET	837+90, 9' LT.	80.39	76.39			76.39	

SEE HYDRAULIC DATA SHEETS FOR ADDITIONAL INFORMATION.
† SEE INLET DETAILS FOR OFFSET DESCRIPTION.
ⓓ ELEV. FOR EXIST. 18" RCP

STATE OF TEXAS
VALENTE OLIVAREZ, JR.
93792
LICENSED PROFESSIONAL ENGINEER

Valente Olivarez 11-14-08
VALENTE OLIVAREZ, JR. DATE

SHEET TOTALS				
ITEM	EST.	FINAL	UNIT	DESCRIPTION
496			EA	REMOVE EXIST. INLET
496			LF	REMOVE EXIST. PIPE



LEGEND:
- - - - - - - EXIST. N.G. @ TRUNKLINE

PLAN 1" =100' PROFILE 1" =10'

Texas Department of Transportation
SH 107
UTILITY & DRAINAGE
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PROJECT NO.	SHEET 2 OF 7 SHEETS	SHEET NO.
		279

FED. RD. DIV. NO.	STATE	DIST.	COUNTY	CONT.	SECT.	JOB	HIGHWAY NO.
6	TEXAS	21	HIDALGO	0342	01	074	SH 107

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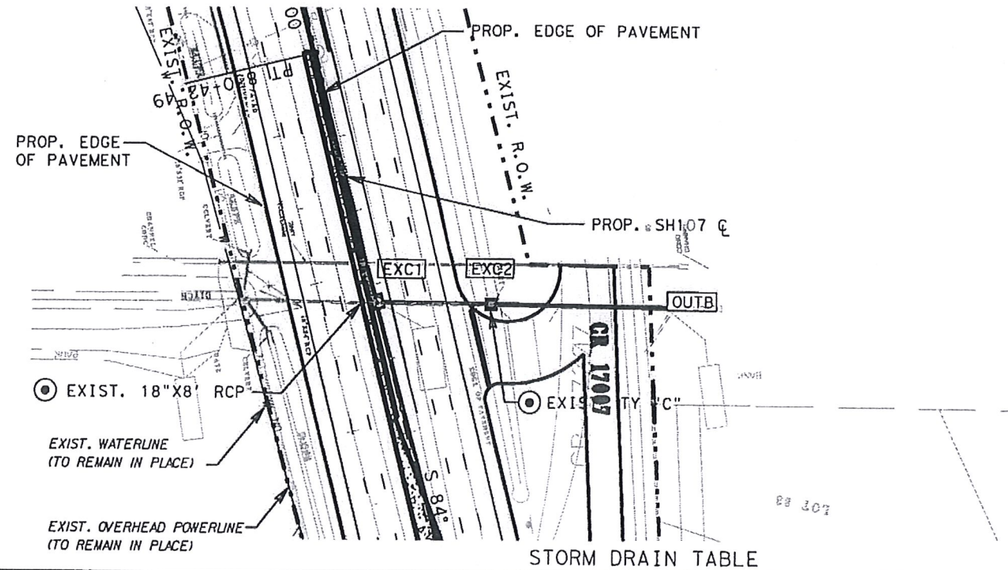


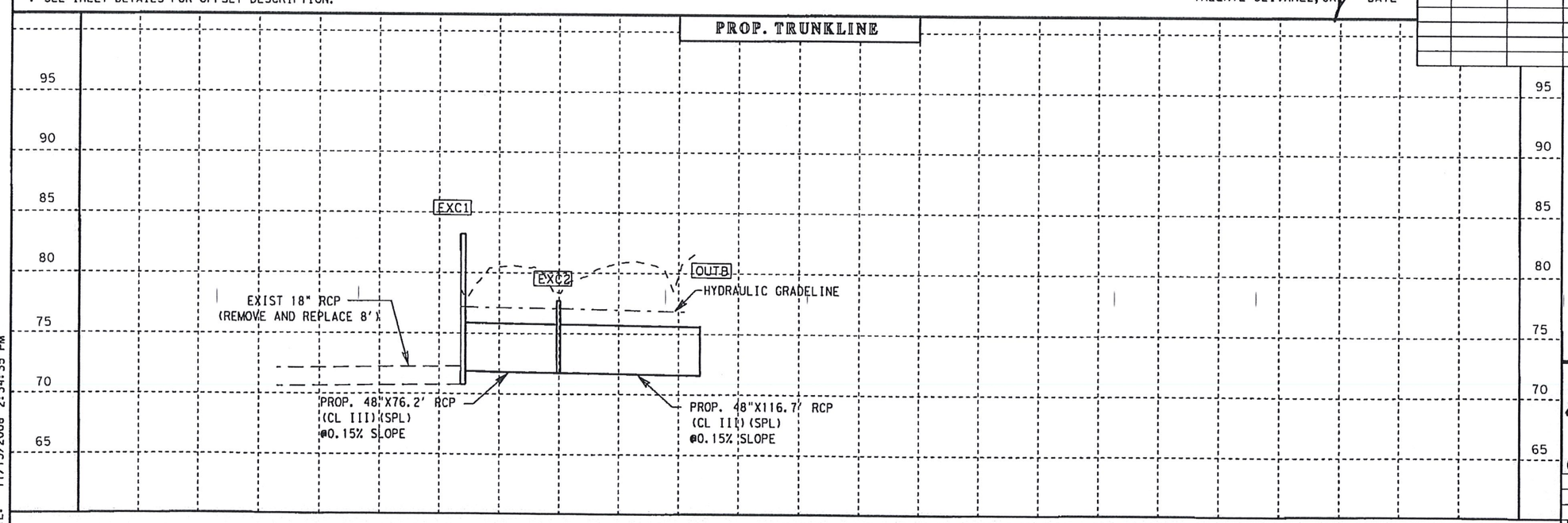
NOTE:
ALL EXIST. UTILITY LINES THAT ARE TO BE ADJUSTED OR REMAIN IN PLACE ARE PROVIDED FOR INFORMATION ONLY.

THE CONTRACTOR IS RESPONSIBLE FOR NOTIFYING ALL COMMERCIAL PROPERTY OWNERS WHO ARE DISCHARGING INTO TXDOT ROW OF THEIR RESPONSIBILITY TO CONNECT TO THE PROPOSED STORM DRAIN SYSTEM.

STORM DRAIN TABLE

STRUCTURE I.D.	DESCRIPTION	† STATION / OFFSET	TOP OF STR. ELEVATION	PROP. FL. OF STRUCTURE	PROP. FL. OF PIPE (NORTH)	PROP. FL. OF PIPE (SOUTH)	PROP. FL. OF PIPE (EAST)	PROP. FL. OF PIPE (WEST)
EXC1	TY "M" MANHOLE	835+12.11, 0.23' LT.	83.20	71.09	@ 71.09	71.87	73.04	74.00
EXC2	TY "CC" INLET	832+31.21, 74.37' LT.	77.70	71.76			91.00	91.00
OUTB	OUTFALL							

SEE HYDRAULIC DATA SHEETS FOR ADDITIONAL INFORMATION.
† SEE INLET DETAILS FOR OFFSET DESCRIPTION.
@ ELEV. FOR EXIST. 18" RCP



STATE OF TEXAS
VALENTE OLIVAREZ, JR.
93792
LICENSED PROFESSIONAL ENGINEER

VALENTE OLIVAREZ, JR. DATE 1/14/08

- EXIST. DRVWY. STR. TO BE REMOVED. SEE DRIVEWAY TABLE FOR QTY.
- EXIST. DRAIN. STR. TO BE REMOVED
- DIRECTION OF FLOW
- EXIST. INLET OR MANHOLE TO BE ADJUSTED.
- PROP. CONC. PLUG (NON-PAY) WHERE PIPE HAS BEEN REMOVED FROM STRUCTURE.
- POWER POLE TO BE RELOCATED BY OTHERS.
- SANITARY SEWER MANHOLE RING & COVER TO BE ADJ. BY OTHERS.

SHEET TOTALS

ITEM	EST.	FINAL	UNIT	DESCRIPTION
496	2 ✓		EA	REMOVE EXIST. INLET
496	8 ✓		LF	REMOVE EXIST. PIPE

LEGEND:
- - - - - - - EXIST. N.G. @ TRUNKLINE

PLAN 1" =100' PROFILE 1" =10'

Texas Department of Transportation

SH 107
UTILITY & DRAINAGE

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PROJECT NO.			SHEET 3 OF 7 SHEETS				SHEET NO.
							280
FED. RD. DIV. NO.	STATE	DIST.	COUNTY	CONT.	SECT.	JOB	HIGHWAY NO.
6	TEXAS	21	HIDALGO	0342	01	074	SH 107

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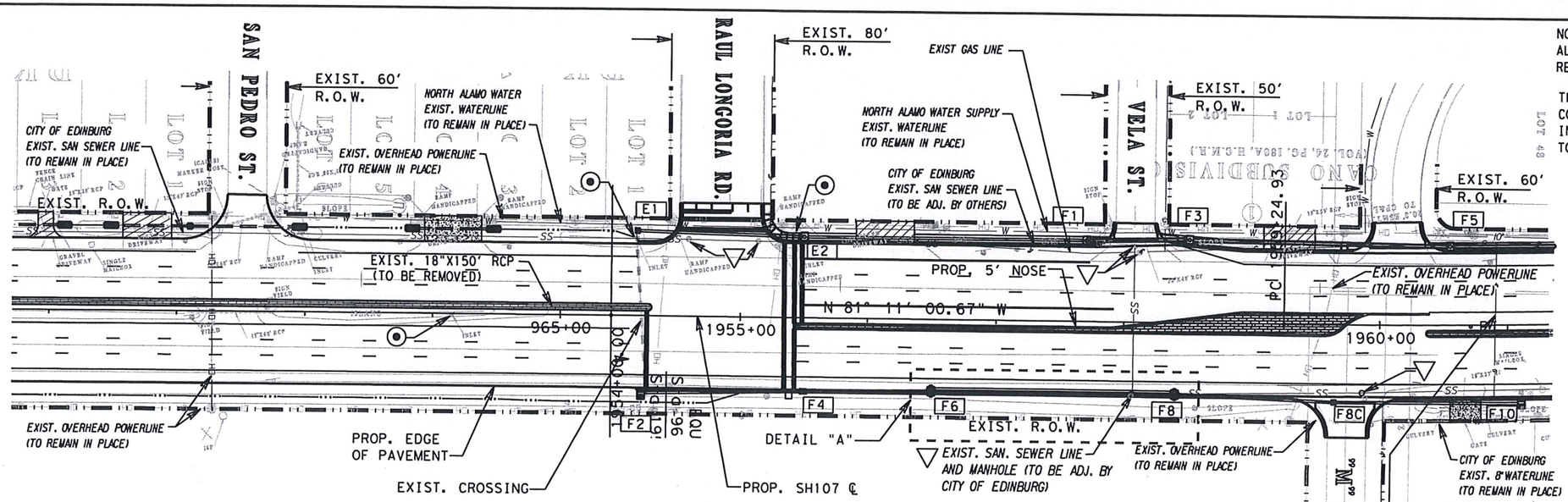

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- ⊛ EXIST. DRVWY. STR. TO BE REMOVED. SEE DRIVEWAY TABLE FOR QTY.
- ⊙ EXIST. DRAIN. STR. TO BE REMOVED
- ► DIRECTION OF FLOW
- ◇ EXIST. INLET OR MANHOLE TO BE ADJUSTED.
- ◑ PROP. CONC. PLUG (NON-PAY) WHERE PIPE HAS BEEN REMOVED FROM STRUCTURE.
- ⊕ POWER POLE TO BE RELOCATED BY OTHERS.
- ▽ SANITARY SEWER MANHOLE RING & COVER TO BE ADJ. BY OTHERS.

STORM DRAIN TABLE

STRUCTURE I.D.	DESCRIPTION	✝ STATION / OFFSET	TOP OF STR. ELEVATION	PROP. FL. OF STRUCTURE	PROP. FL. OF PIPE (NORTH)	PROP. FL. OF PIPE (SOUTH)	PROP. FL. OF PIPE (EAST)	PROP. FL. OF PIPE (WEST)
E1	TY "C" INLET W/ GRATE	1954+20, 66' LT.	95.44	91.40				91.40
E2	TY "A3" SPL-1 INLET	1955+50, 63' LT.	95.09	91.00			91.00	91.00
F1	TY "A3" SPL-1 INLET	1957+70, 63' LT.	94.93	90.30			90.30	89.80
F2	TY "A" SPL-2 INLET W/ GRATE	1954+23, 57.5' RT.	95.23	91.13				91.13
F3	TY "A3" SPL-1 INLET	1958+50, 64.4' LT.	94.98	90.20			89.70	89.70
F4	TY "F" SPL-1 INLET	1955+50, 57.5' RT.	95.27	91.00			91.00	91.00
F5	TY "A3" SPL-1 INLET	1960+55, 61' LT.	94.96	89.90			89.40	89.40
F6	TY "F3" SPL-1 INLET	1956+50, 57.5' RT.	94.30	90.90			90.90	90.90
F8	TY "F3" SPL-1 INLET	1958+40, 57.5' RT.	95.20	90.71			90.71	90.71
F8C	TY "C" INLET W/ GRATE	1959+64, 60.0' RT.	95.01	90.58			90.58	90.58
F10	TY "A" SPL-2 INLET W/ GRATE	1961+10, 57.5' RT.	95.15	90.43			90.43	90.43

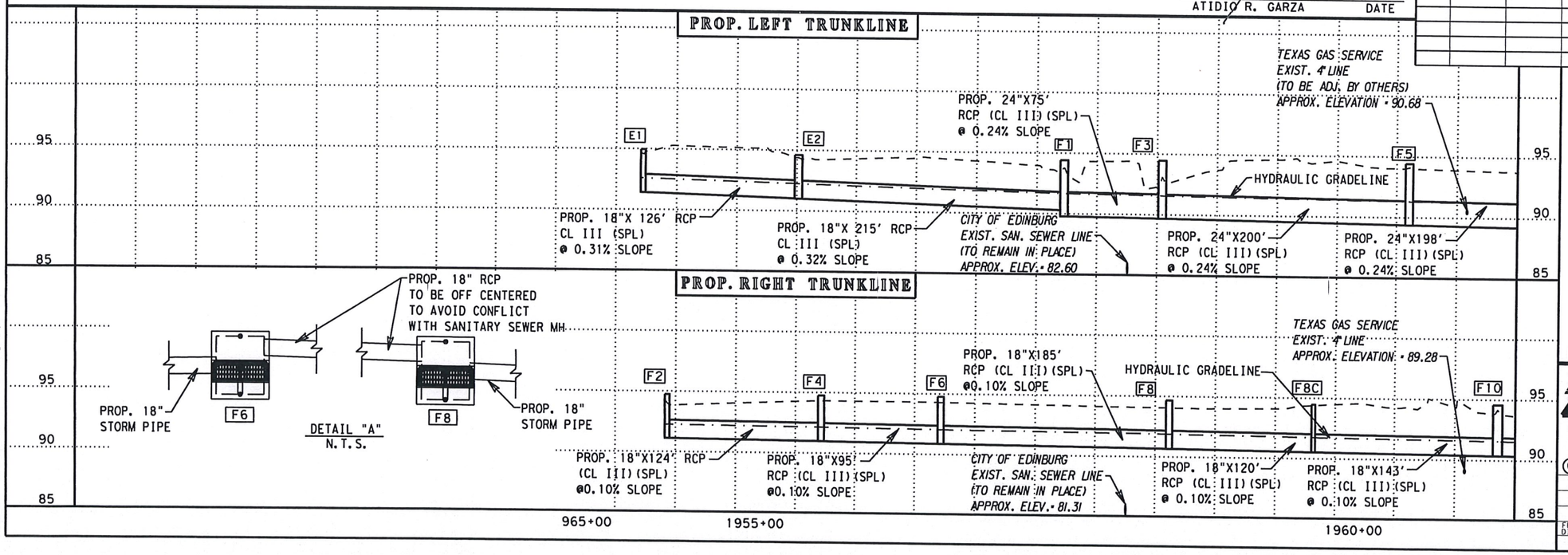
SEE HYDRAULIC DATA SHEETS FOR ADDITIONAL INFORMATION.
✝ SEE INLET DETAILS FOR OFFSET DESCRIPTION.

STATE OF TEXAS
ATIDIO R. GARZA
93834
LICENSED PROFESSIONAL ENGINEER

ATIDIO R. GARZA, P.E. — 1/15/2019 DATE

SHEET TOTALS

ITEM	EST.	FINAL	UNIT	DESCRIPTION
496	3		EA	REMOVE EXIST. INLET
496	150		LF	REMOVE EXIST. PIPE



LEGEND:
EXIST. N.G. @ TRUNKLINE

PLAN 1" =100' PROFILE 1" =10'

Texas Department of Transportation

SH 107
UTILITY & DRAINAGE

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PROJECT NO.	SHEET 4 OF 7 SHEETS	SHEET NO.
		281

FED. RD. DIV. NO.	STATE	DIST.	COUNTY	CONT.	SECT.	JOB	HIGHWAY NO.
6	TEXAS	21	HIDALGO	0342	01	074	SH 107

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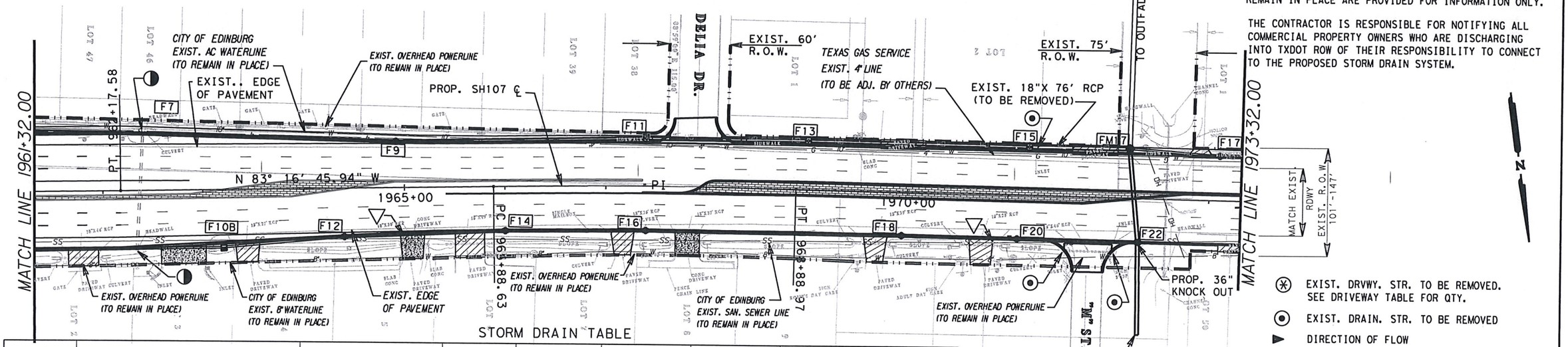

NOTE:
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- ⊛ EXIST. DRVWY. STR. TO BE REMOVED. SEE DRIVEWAY TABLE FOR QTY.
- ⊙ EXIST. DRAIN. STR. TO BE REMOVED
- ▶ DIRECTION OF FLOW
- ◇ EXIST. INLET OR MANHOLE TO BE ADJUSTED.
- ◑ PROP. CONC. PLUG (NON-PAY) WHERE PIPE HAS BEEN REMOVED FROM STRUCTURE.
- ⊕ POWER POLE TO BE RELOCATED BY OTHERS.
- ▽ SANITARY SEWER MANHOLE RING & COVER TO BE ADJ. BY OTHERS.

STORM DRAIN TABLE

STRUCTURE I.D.	DESCRIPTION	₸ STATION / OFFSET	TOP OF STR. ELEVATION	PROP. FL. OF STRUCTURE	PROP. FL. OF PIPE (NORTH)	PROP. FL. OF PIPE (SOUTH)	PROP. FL. OF PIPE (EAST)	PROP. FL. OF PIPE (WEST)
F7	TY "F" SPL-1 INLET	1962+60, 55.7' LT.	95.11	89.61			89.11	89.11
F9	TY "F" SPL-1 INLET	1964+90, 46.1' LT.	95.36	89.33			88.83	88.83
F10B	TY "A" SPL-2 INLET W/GRATE	1963+20, 53.2' RT.	95.25	90.17			90.17	90.17
F11	TY "A3" INLET	1967+40, 47.5' LT.	95.06	88.46			88.46	87.96
F12	TY "F" SPL-1 INLET	1964+40, 48.2' RT.	95.26	89.56			90.01	89.56
F13	TY "A3"SPL-1 (MOD) INLET	1969+00, 48.0' LT.	95.30	88.29			87.79	87.79
F14	TY "F" SPL-1 INLET	1966+00, 44.0' RT.	95.41	89.40			89.40	89.40
F15	TY "A3"SPL-1 (MOD) INLET	1971+20, 48.0' RT.	95.17	87.58			87.58	87.08
F16	TY "F" SPL-1 INLET	1967+40, 44.0' RT.	95.26	89.26			89.26	89.26
F17	TY "F" INLET	1973+10, 44.4' LT.	93.85	89.75			89.75	
F18	TY "F" SPL-1 INLET	1969+95, 43.5' RT.	94.80	89.01			89.01	89.01
F20	TY "F" SPL-1 INLET	1971+10, 43.5' RT.	94.52	88.89			88.89	88.89
FM17	TY "M" MANHOLE	1972+20, 49.0' LT.	95.05	84.89	87.18	84.89	86.98	89.66
F22	TY "F" INLET	1972+30, 43.5' RT.	94.63	87.21		87.21	88.71	

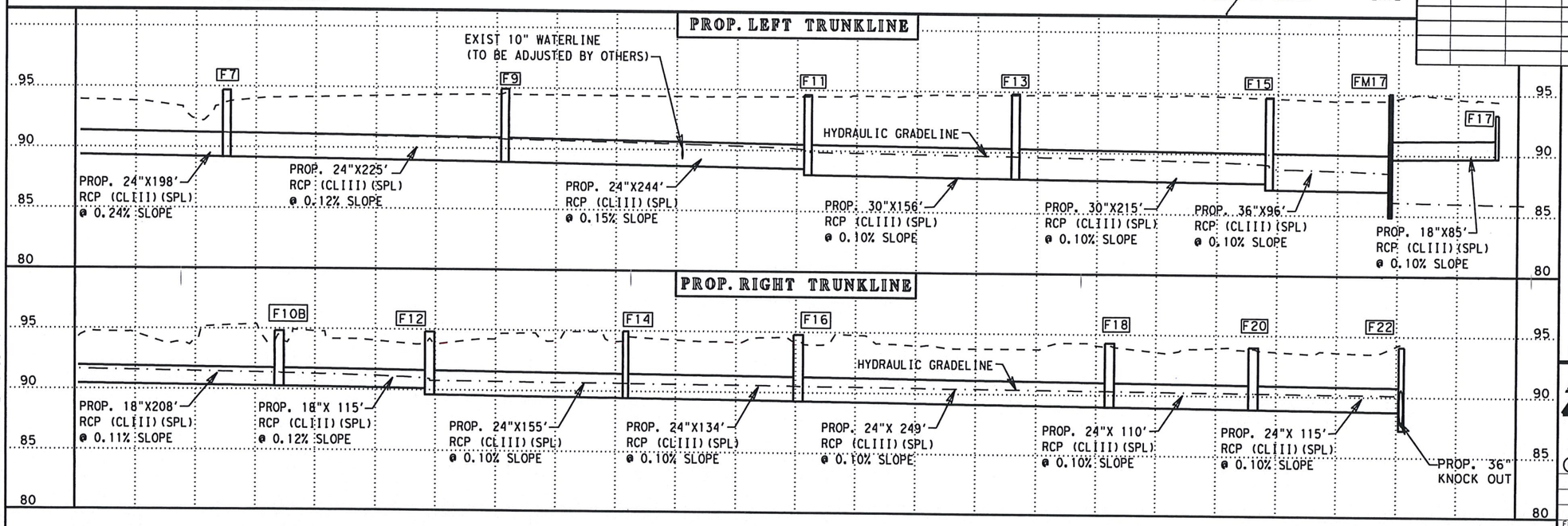
SEE HYDRAULIC DATA SHEETS FOR ADDITIONAL INFORMATION.
₸ SEE INLET DETAILS FOR OFFSET DESCRIPTION.

STATE OF TEXAS
ATIDIO R. GARZA
93834
LICENSED PROFESSIONAL ENGINEER

1/14/2019
ATIDIO R. GARZA — DATE

SHEET TOTALS

ITEM	EST.	FINAL	UNIT	DESCRIPTION
496	1		EA	REMOVE EXIST. INLET
496	76		LF	REMOVE EXIST. RCP



LEGEND:
EXIST. N.G. @ TRUNKLINE

PLAN 1" =100' PROFILE 1" =10'

Texas Department of Transportation

SH 107
UTILITY & DRAINAGE

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PROJECT NO.	SHEET 5 OF 7 SHEETS	SHEET NO.
		282

FED. RD. DIV. NO.	STATE	DIST.	COUNTY	CONT.	SECT.	JOB	HIGHWAY NO.
6	TEXAS	21	HIDALGO	0342	01	074	SH 107

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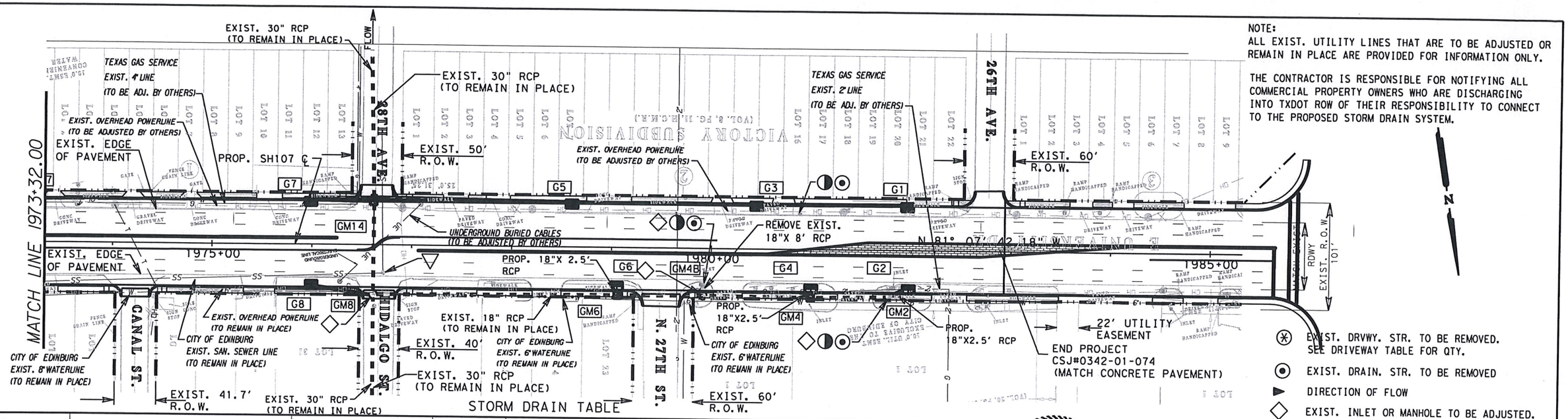

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N

- EXIST. DRVWY. STR. TO BE REMOVED. SEE DRIVEWAY TABLE FOR QTY.
- EXIST. DRAIN. STR. TO BE REMOVED
- DIRECTION OF FLOW
- EXIST. INLET OR MANHOLE TO BE ADJUSTED.
- PROP. CONC. PLUG (NON-PAY) WHERE PIPE HAS BEEN REMOVED FROM STRUCTURE.
- POWER POLE TO BE RELOCATED BY OTHERS.
- SANITARY SEWER MANHOLE RING & COVER TO BE ADJ. BY OTHERS.

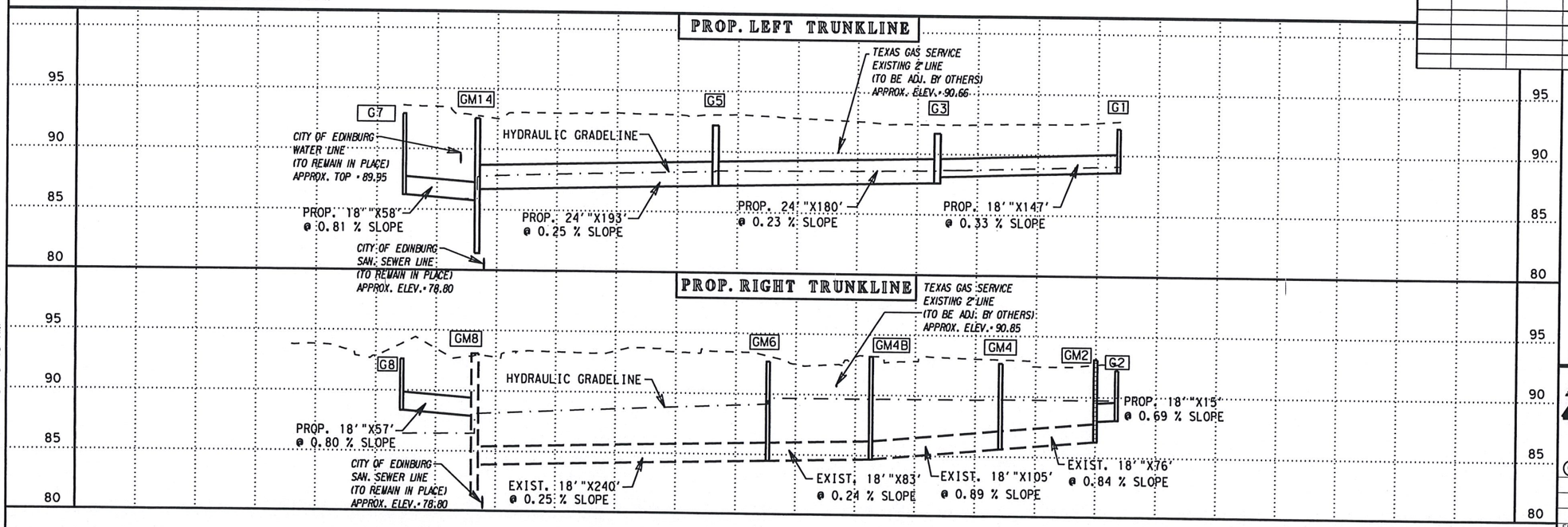
STRUCTURE I.D.	DESCRIPTION	† STATION / OFFSET	TOP OF STR. ELEVATION	PROP. FL. OF STRUCTURE	PROP. FL. OF PIPE (NORTH)	PROP. FL. OF PIPE (SOUTH)	PROP. FL. OF PIPE (EAST)	PROP. FL. OF PIPE (WEST)
G1	TY "F" INLET W/GRATE	1981+97, 42' LT	92.72	88.62			88.62	
G2	TY "F" INLET W/GRATE	1981+97, 42' RT	92.73	88.13			88.13	
G3	TY "F" INLET W/GRATE	1980+45, 42' LT.	92.22	87.62			87.62	88.12
G4	TY "F" INLET W/GRATE	1981+00, 42' RT.	92.72	88.52	88.52			
G5	TY "F" INLET W/GRATE	1978+60, 42' LT.	92.68	87.19			87.19	87.19
G6	TY "F" INLET W/GRATE	1979+06, 43' RT.	92.71	87.93	87.93			
G7	TY "A" INLET	1976+00, 47' LT.	93.41	86.25				86.25
G8	TY "F" INLET W/GRATE	1976+00, 42' RT.	93.11	88.40				88.40
GM4	TY "M" MANHOLE	1981+00, 47' RT.	92.72	85.65		88.40	85.65	85.65
GM6	TY "M" MANHOLE	1979+06, 47' RT.	92.70	84.48			84.48	84.48
GM14	TY "M" MANHOLE	1976+62, 47' LT.	92.56	81.41	81.41	81.41	85.75	86.69

SEE HYDRAULIC DATA SHEETS FOR ADDITIONAL INFORMATION.
† SEE INLET DETAILS FOR OFFSET DESCRIPTION.

STATE OF TEXAS
ATIDIO R. GARZA
93834
LICENSED PROFESSIONAL ENGINEER

ATIDIO R. GARZA, P.E. 1/9/2019 DATE

SHEET TOTALS				
ITEM	EST.	FINAL	UNIT	DESCRIPTION
496	3		EA	REMOVE EXIST. INLET
479	4		EA	ADJUST MANHOLE
496	8		LF	REMOVE EXIST. PIPE



LEGEND:
- - - - - - EXIST. N.G. @ TRUNKLINE

PLAN 1" =100' PROFILE 1" =10'

Texas Department of Transportation

SH 107
UTILITY & DRAINAGE

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PROJECT NO.			SHEET 6 OF 7 SHEETS				SHEET NO.
							283
FED. RD. DIV. NO.	STATE	DIST.	COUNTY	CONT.	SECT.	JOB	HIGHWAY NO.
6	TEXAS	21	HIDALGO	0342	01	074	SH 107

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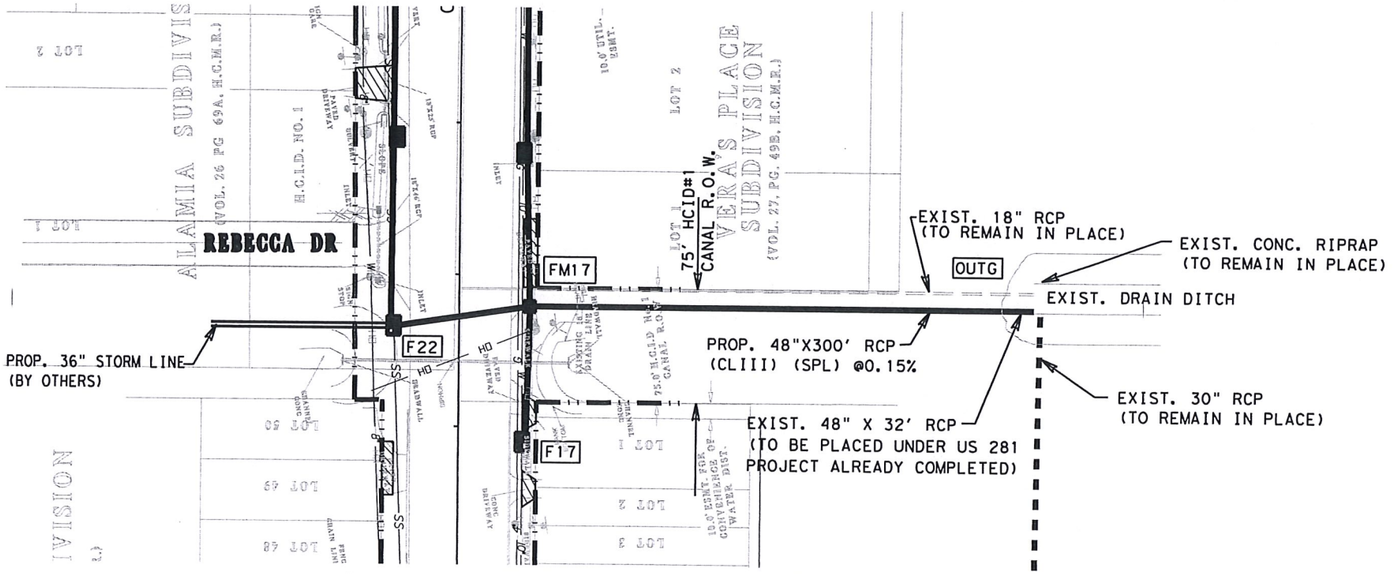

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Z

- EXIST. DRVWY. STR. TO BE REMOVED. SEE DRIVEWAY TABLE FOR QTY.
- EXIST. DRAIN. STR. TO BE REMOVED
- DIRECTION OF FLOW
- EXIST. INLET OR MANHOLE TO BE ADJUSTED.
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STORM DRAIN TABLE

STRUCTURE I.D.	DESCRIPTION	† STATION / OFFSET	TOP OF STR. ELEVATION	PROP. FL. OF STRUCTURE	PROP. FL. OF PIPE (NORTH)	PROP. FL. OF PIPE (SOUTH)	PROP. FL. OF PIPE (EAST)	PROP. FL. OF PIPE (WEST)
F22	TY "A" SPL-2 INLET W/GRATE	1972+30, 43.5' RT.	94.63	87.21		87.21	88.71	
FM17	TY "M" MANHOLE	1972+20, 49' LT.	95.05	84.89	87.18	84.89	87.48	89.66
OUTG	OUTFALL	1972+20, 379.4' LT.		81.07				

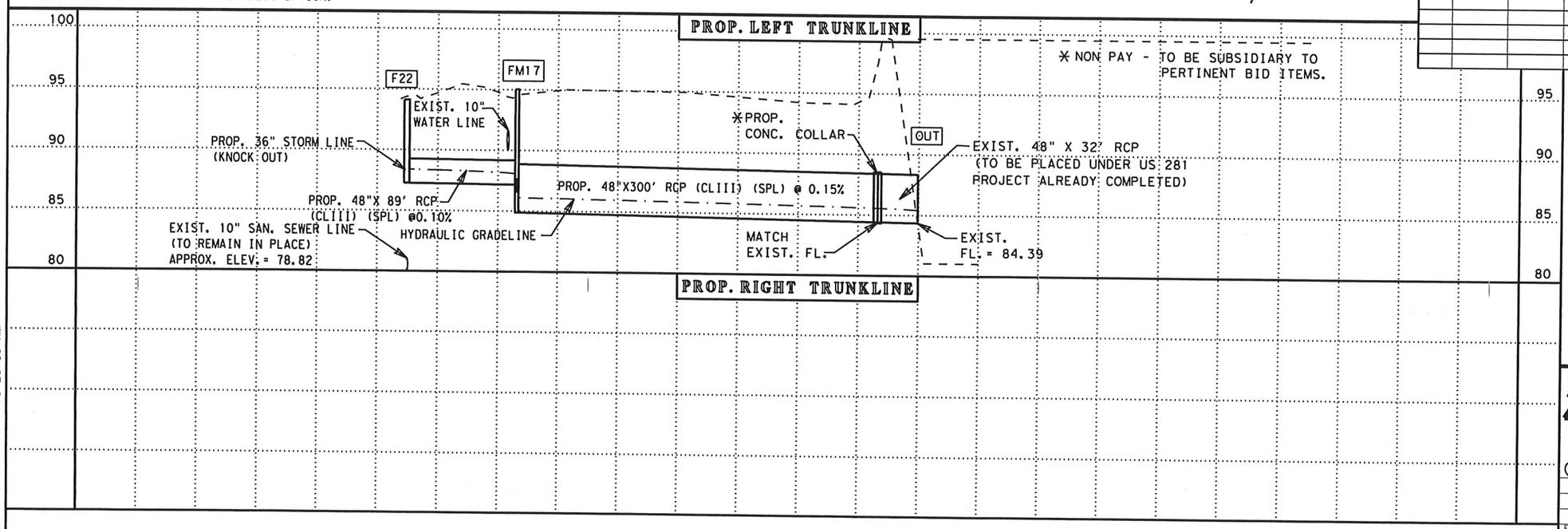
SEE HYDRAULIC DATA SHEETS FOR ADDITIONAL INFORMATION.
† SEE INLET DETAILS FOR OFFSET DESCRIPTION.

STATE OF TEXAS
ATIDIO R. GARZA
93834
LICENSED PROFESSIONAL ENGINEER

ATIDIO R. GARZA, P.E.
1/9/2019
DATE

SHEET TOTALS

ITEM	EST.	FINAL	UNIT	DESCRIPTION



LEGEND:

- - - - - - EXIST. N.G. @ TRUNKLINE

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Texas Department of Transportation

SH 107
UTILITY & DRAINAGE

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PROJECT NO.			SHEET 7 OF 7 SHEETS				SHEET NO.
							284
FED. RD. DIV. NO.	STATE	DIST.	COUNTY	CONT.	SECT.	JOB	HIGHWAY NO.
6	TEXAS	21	HIDALGO	0342	01	074	SH 107

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