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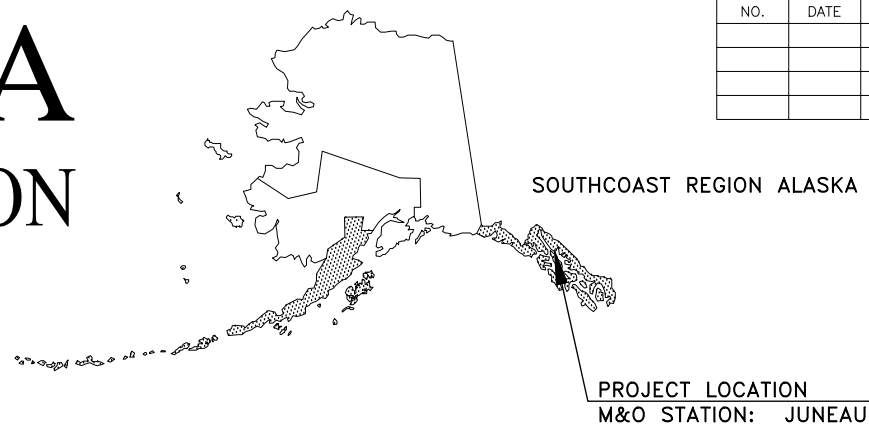
# STATE OF ALASKA

## DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES

### PROPOSED HIGHWAY PROJECT

## JNU EGAN DRIVE IMPROVEMENTS MAIN STREET TO 10TH STREET PROJECT NO. NH-0932(047)/69393

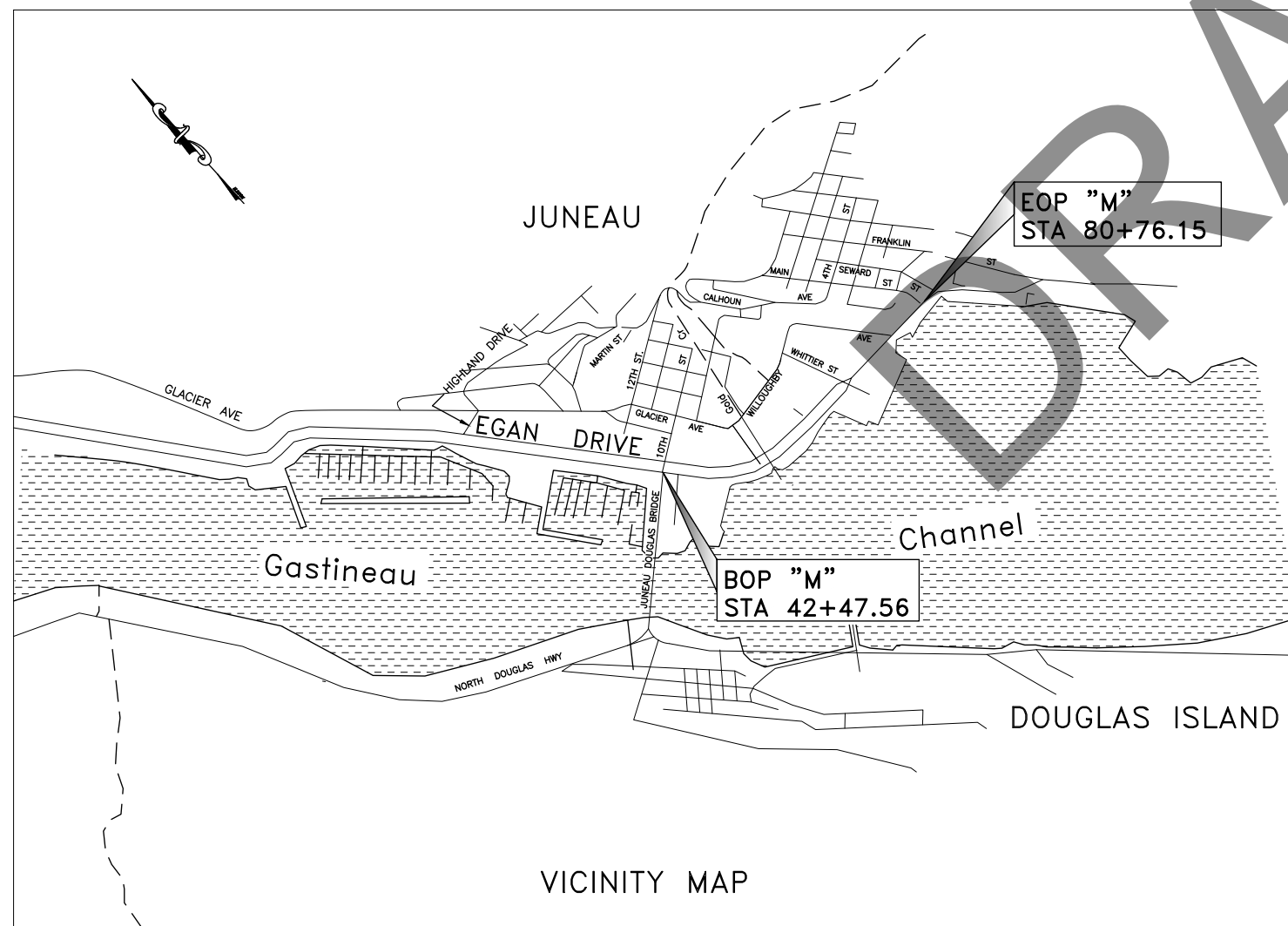
GRADING, DRAINAGE, PAVING, PATHWAYS, SIGNING, STRIPING, ILLUMINATION & SIGNALIZATION,  
RETAINING WALL AND SIDE SLOPE STABILIZATION



NO.	DATE	REVISIONS	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	NH-0932(047)/69393	2017	A1	A9
						PLAN SET TOTAL	112
CDS ROUTE: 296000				MILEPOINT: 0.69 TO 0.00			
CDS ROUTE: 2696009				MILEPOINT: 0.00 TO 0.04			

PROJECT SUMMARY	
EGAN DR/GLACIER HWY & MARINE WAY	
WIDTH OF PAVEMENT	43' TO 75'
LENGTH OF PAVING	3,828'
LENGTH OF PROJECT	3,828'

DESIGN DESIGNATIONS	
FUNCTIONAL CLASS	URBAN PRINCIPAL ARTIERIAL
ADT (2017)	13,990
ADT (2037)	14,710
DHV 2017	1680
DHV 2037	1760
PERCENT TRUCKS (T)	11.5%
DIRECTIONAL SPLIT (D)	55/45
DESIGN SPEED (V)	40/35/25 MPH
DESIGN EAL'S (20 YEARS)	5,650,000



USE THESE PLANS IN CONJUNCTION WITH THE STATE OF ALASKA STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, 2015 EDITION AND THE PROJECT SPECIAL PROVISIONS.

**STATE OF ALASKA**  
 DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES  
 6860 GLACIER HIGHWAY, JUNEAU, AK 99811  
 (907) 465-1763

APPROVED: \_\_\_\_\_

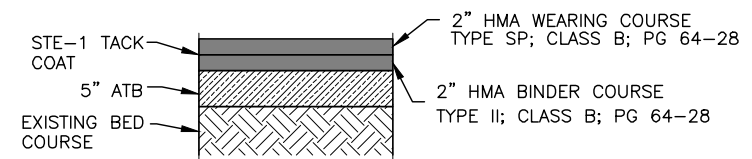
REGIONAL PRECONSTRUCTION ENGINEER DATE  
 PAT CARROLL, P.E.

CONCUR: \_\_\_\_\_

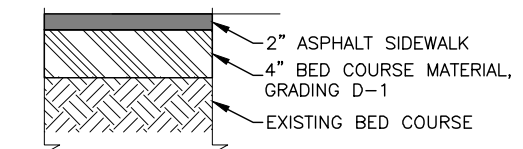
DIRECTOR, DESIGN & CONSTRUCTION DATE  
 MIKE COFFEY

FILE C:\User\shemurph\Documents\Egan\69393.B1-B3 Typ (1).dwg  
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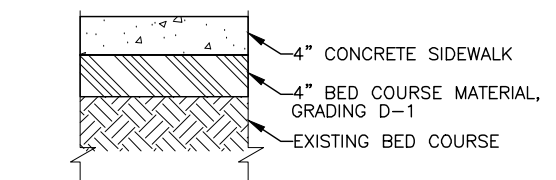
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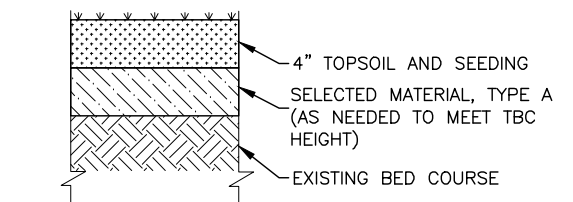
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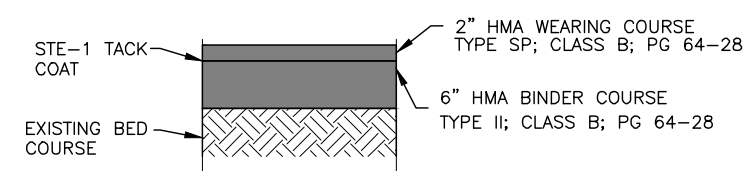
**3 SIDEWALK/MEDIAN SECTION NO. 2**  
SCALE: NOT TO SCALE



**2 SIDEWALK/MEDIAN SECTION NO. 1**  
SCALE: NOT TO SCALE



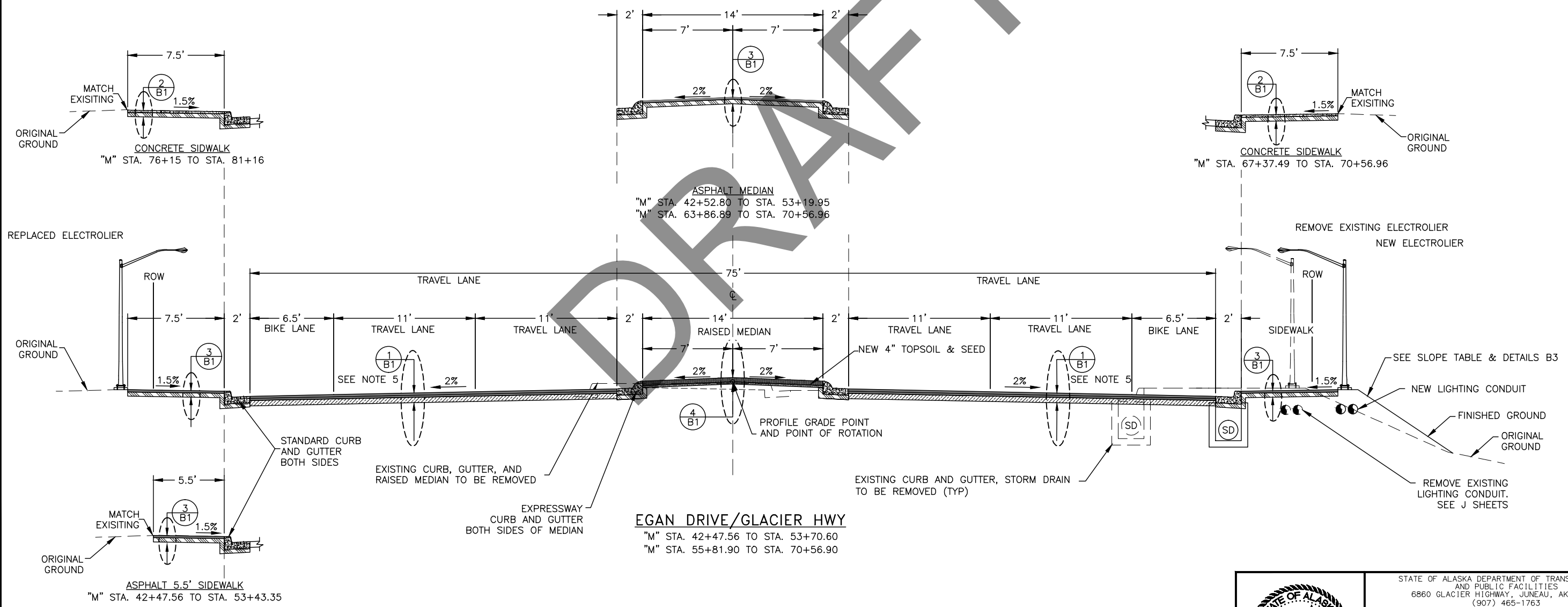
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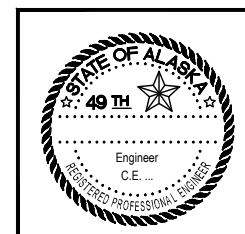
**5 PAVEMENT SECTION NO. 5**  
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**TYPICAL SECTION NOTES**

- THIS PROJECT WILL RE-CONSTRUCT EGAN DRIVE TO PROVIDE WIDER SIDEWALKS AND A BIKE LANE ON BOTH SIDES OF THE ROADWAY AND WILL ACHIEVE THIS BY NARROWING THE TRAFFIC THROUGH LANES AND THE MEDIAN AND THEN WIDENING THE OVERALL ROADWAY FOOTPRINT.
- THE EXISTING PAVEMENT GENERALLY CONSISTS OF 2" PAVEMENT AND 4" ATB.
- ALL WORK BELOW THE HIGH TIDE LINE (HTL), ELEVATION 20.8', IS SUBJECT TO REGULATION AND PERMIT REQUIREMENTS. SEE SPECIAL PROVISIONS, APPENDIX F.
- TOP OF PAVEMENT SHALL BE 1/4 INCH - 3/8 INCH ABOVE LIP OF CONCRETE GUTTER AND TOP OF PLAN ELEVATIONS GIVEN ON THE PLAN GRADE SHEETS. HOWEVER, THE TOP OF PAVEMENT SHALL BE FLUSH AT EDGE OF SPILL GUTTERS.
- USE PAVEMENT STRUCTURAL SECTION NO. 5 BETWEEN STATION 42+47 TO STATION 46+05.



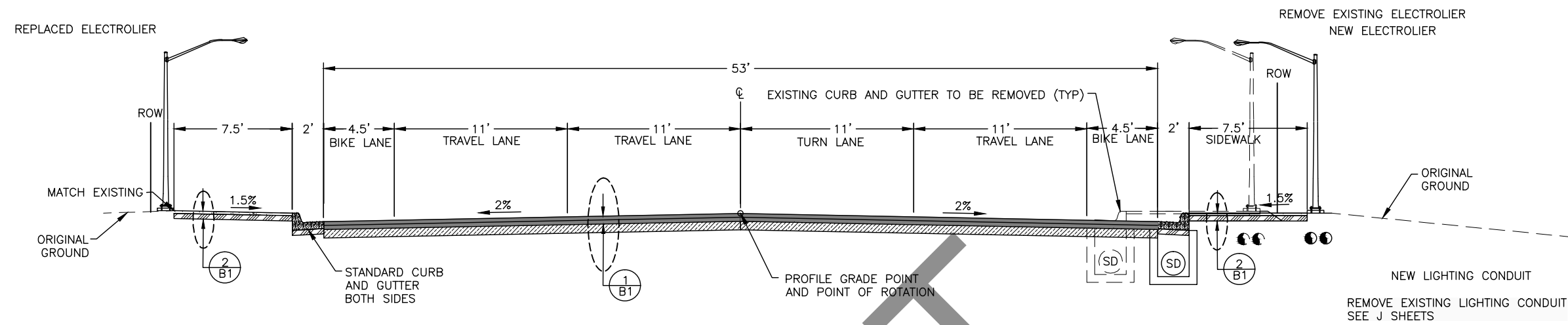
**EGAN DRIVE/GLACIER HWY**  
"M" STA. 42+47.56 TO STA. 53+70.60  
"M" STA. 55+81.90 TO STA. 70+56.90



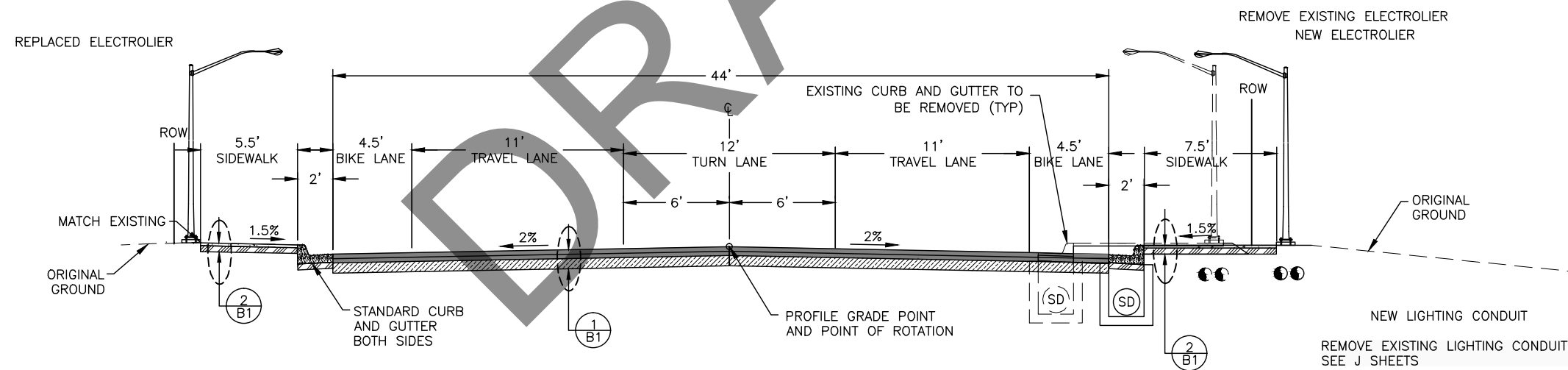
STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES  
 6860 GLACIER HIGHWAY, JUNEAU, AK 99811  
 (907) 465-1763  
**EGAN DR IMPROVEMENTS,  
 MAIN ST. TO 10TH ST**

TYPICAL SECTIONS

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	NH-0932(047)/69393	2017	B2	B2

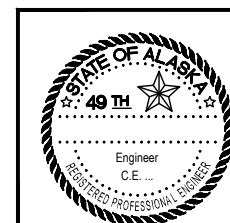


**EGAN DRIVE/GLACIER HWY**  
 "M" STA. 70+56.96 TO STA. 72+52.58



**EGAN DRIVE/GLACIER HWY**  
 "M" STA. 72+52.58 TO 80+76.15

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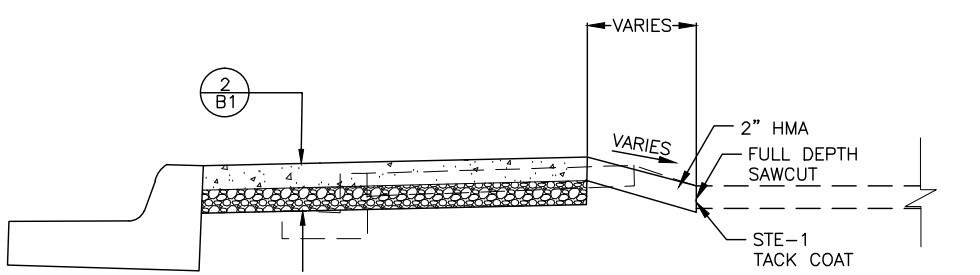
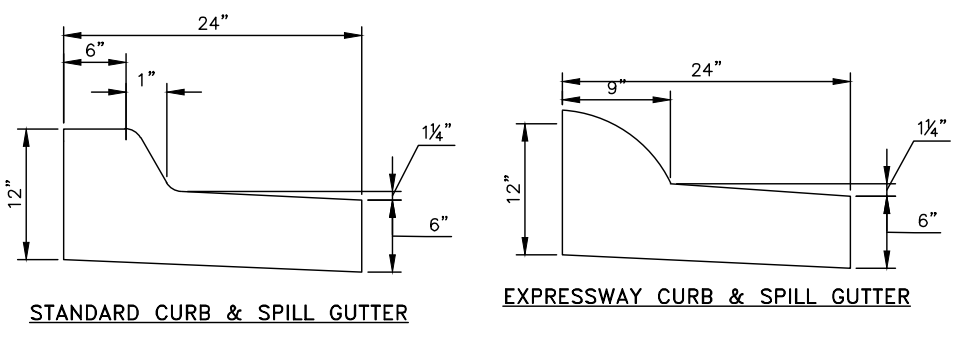
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**EGAN DR IMPROVEMENTS,  
 MAIN ST. TO 10TH ST**

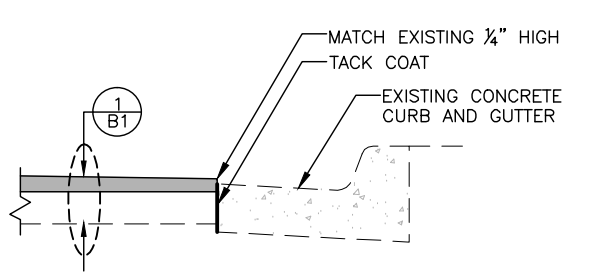
TYPICAL SECTIONS

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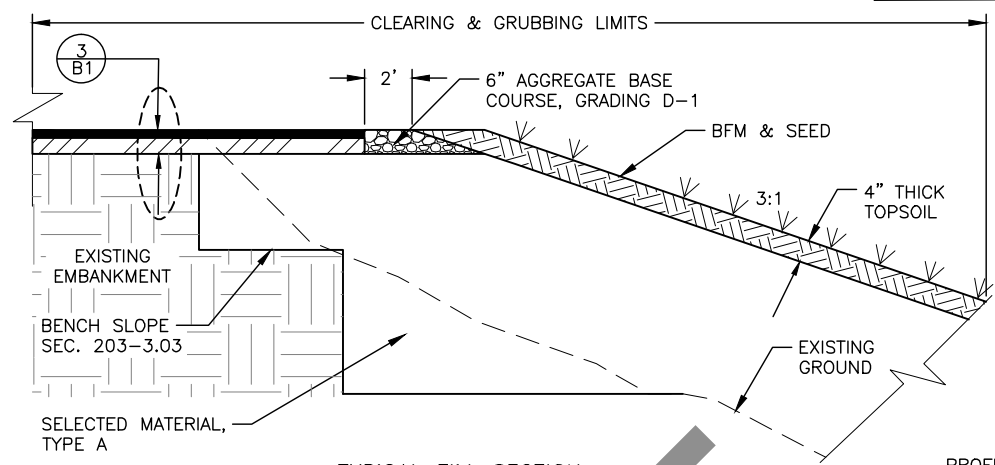
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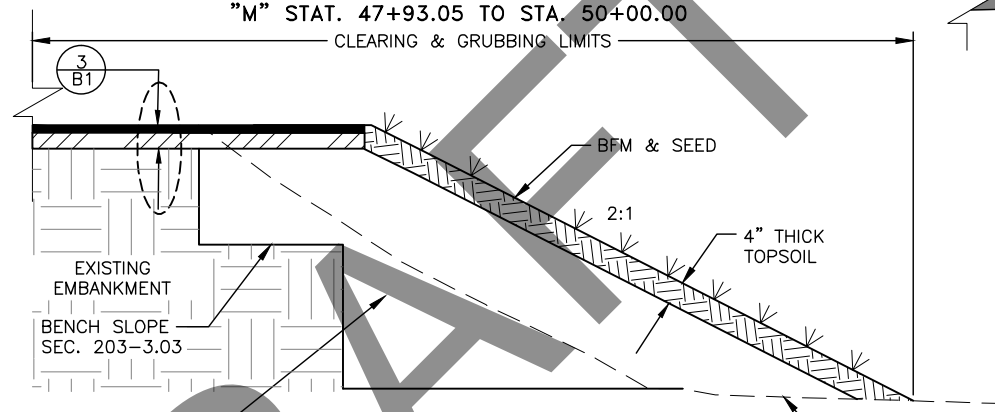
EXPRESSWAY CURB AND SPILL GUTTER  
"M" STA. XX+XX.XX TO STA. XX+XX.XX



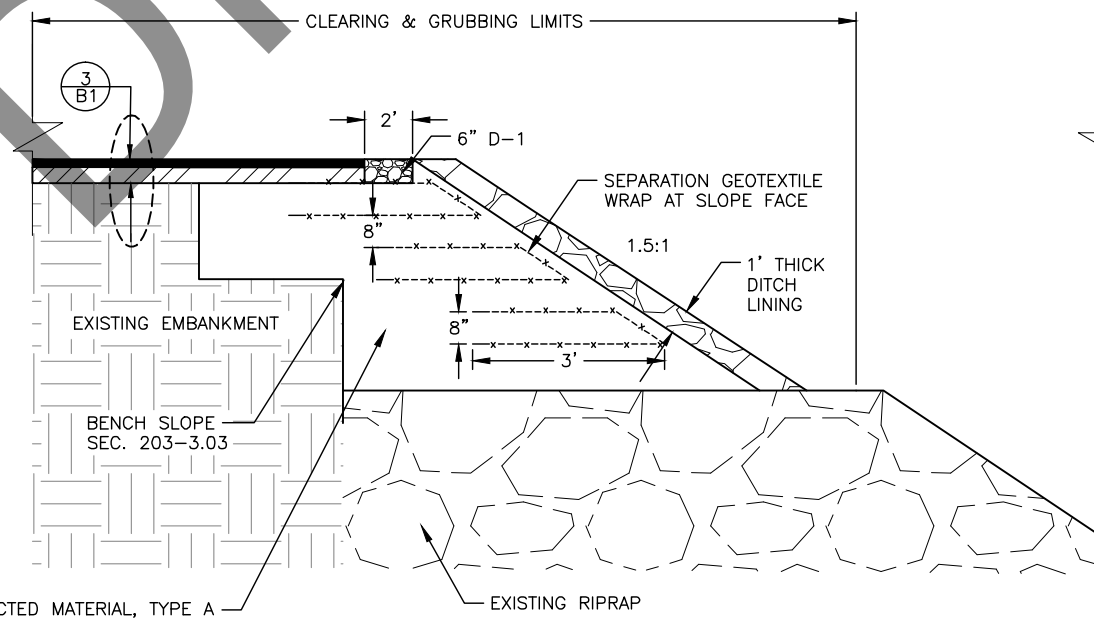
PAVING AT EXISTING GUTTER  
"M" STA. XX+XX.XX TO STA. XX+XX.XX



TYPICAL FILL SECTION  
"M" STA. 44+03.06 TO STA. 44+57.18  
"M" STA. 45+88.65 TO STA. 46+40.62  
"M" STA. 47+93.05 TO STA. 50+00.00

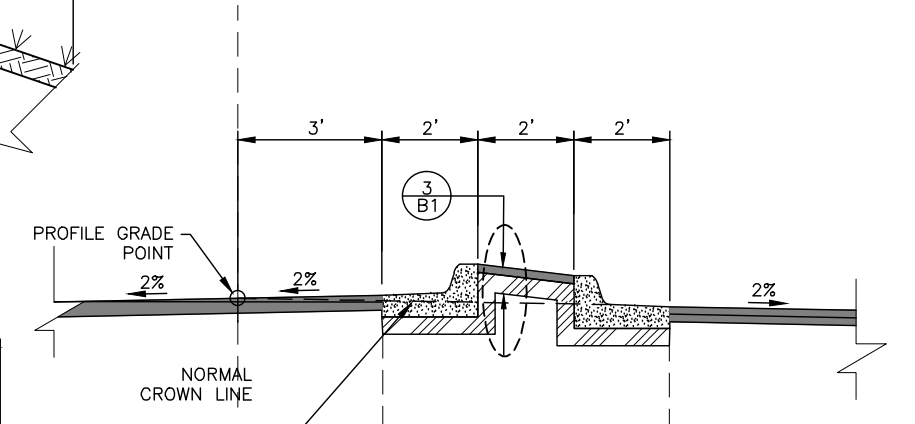


TYPICAL FILL SECTION  
"M" STA. 63+85.00 TO STA. 66+14.31

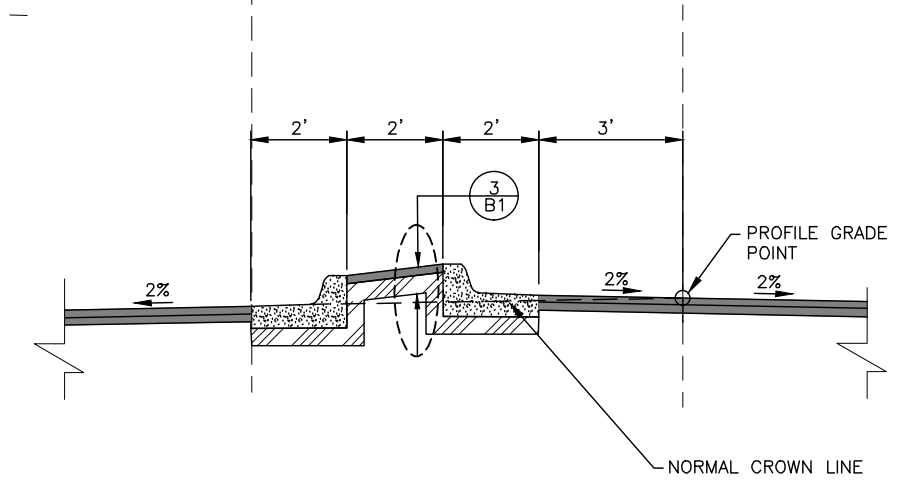


TYPICAL FILL SECTION  
"M" STA. 50+00.00 TO STA. 63+85.00

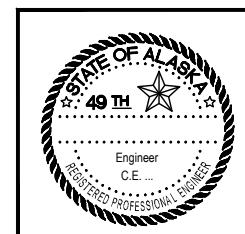
NOTE;  
1. WRAP GEOTEXTILE AROUND OBSTRUCTIONS AND UTILITIES AS NECESSARY.



LEFT TURN LANE MEDIAN 1 - ASPHALT  
"M" STA. 43+52.81 TO STA. 46+95.51  
"M" STA. 47+49.85 TO STA. 48+83.15  
"M" STA. 67+46.63 TO STA. 68+47.13



LEFT TURN LANE MEDIAN 2 - ASPHALT  
"M" STA. 50+87.25 TO STA. 53+19.95  
"M" STA. 64+16.97 TO STA. 66+51.26



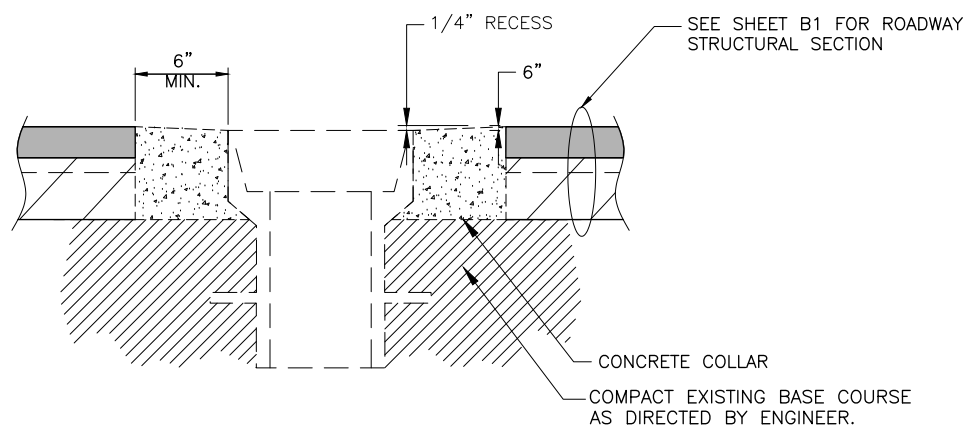
STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES  
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(907) 465-1763  
**EGAN DR IMPROVEMENTS,  
MAIN ST. TO 10TH ST**

TYPICAL SECTIONS

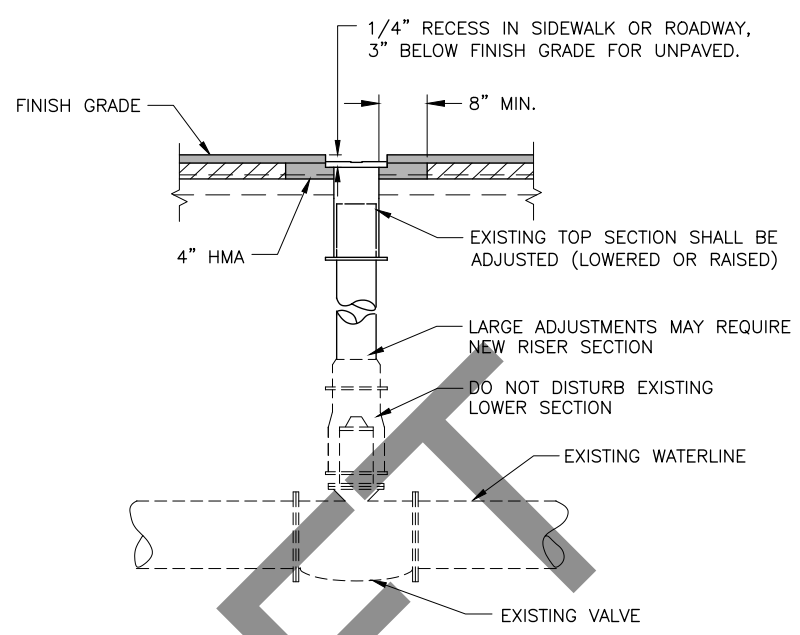
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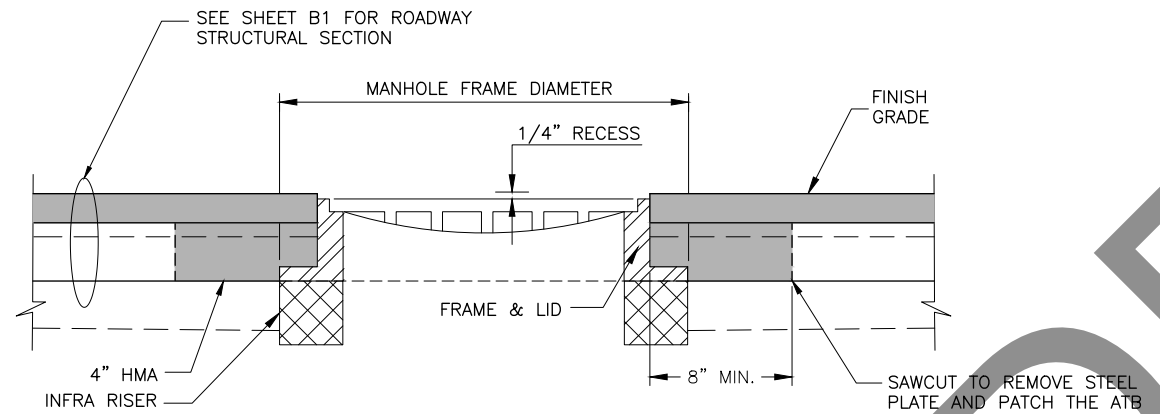
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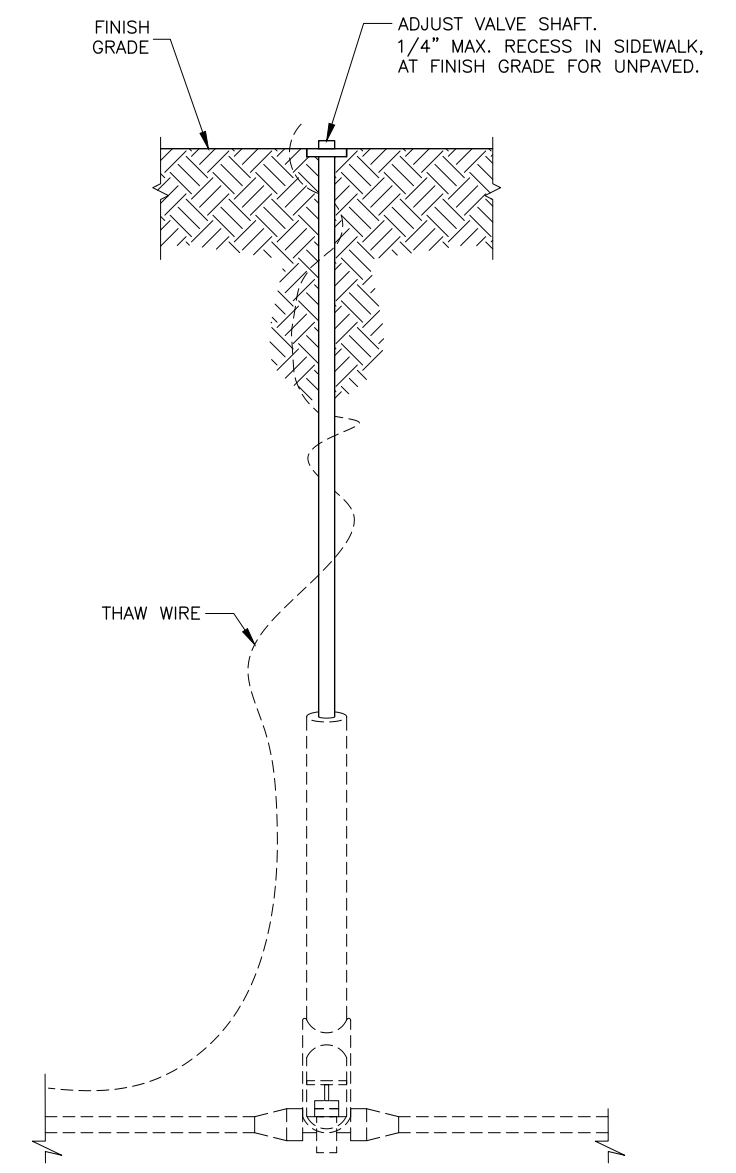
**1 MONUMENT CASE DETAIL**  
E1 SCALE:NOT TO SCALE



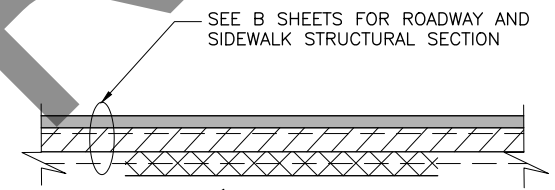
**2 VALVE BOX ADJUSTMENT DETAIL**  
E1 SCALE:NOT TO SCALE



**3 MANHOLE ADJUSTMENT DETAIL**  
E1 SCALE:NOT TO SCALE



**5 WATER SERVICE CONNECT ADJUSTMENT DETAIL**  
E1 SCALE:NOT TO SCALE



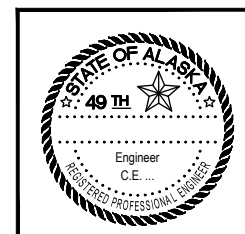
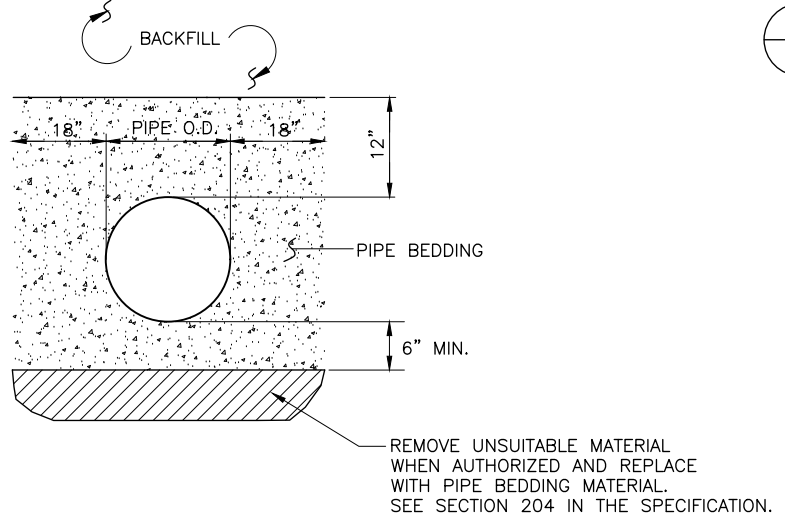
**4 CULVERT BEDDING/BACKFILL DETAIL**  
E1 SCALE:NOT TO SCALE

**MANHOLE ADJUSTMENT CONSTRUCTION SEQUENCING NOTES:**

1. SAW CUT AND REMOVE FULL DEPTH OF EXISTING ASPHALT CONCRETE A MINIMUM OF 8" AROUND EXISTING MANHOLE FRAMES.
2. REMOVE EXISTING MANHOLE FRAMES, LIDS, & ADJUSTING RINGS.
3. INSTALL STEEL PLATE OVER MANHOLE OPENING AS A TEMPORARY MEASURE.
4. AFTER PLACING THE ATB, SAWCUT THE ATB AND REMOVE THE STEEL PLATE AND INSTALL NEW RISERS, FRAME AND LID. ADJUST FRAMES TO FINISHED GRADE.
5. PRIOR TO FINAL PAVING, CONSTRUCT 4" OF HOT MIX ASPHALT (HMA) AROUND FRAME. CONSTRUCT HMA PER SECTION 401.
6. CONSTRUCT FINAL HMA IN ACCORDANCE WITH SECTION 401.

**MANHOLE & VALVE ADJUSTMENT NOTES:**

1. MANHOLE CASTING SHALL BE ADJUSTED TO CONFORM WITH SLOPE AND GRADE OF PROPOSED PAVEMENT.
2. ADJUSTING RINGS SHALL BE PROPERLY SIZED FOR THE EXISTING CONE OR FLAT TOP OPENING, AND INSTALLED PER MANUFACTURER'S RECOMMENDATIONS.
3. INSTALLATION OF FRAME, COVER, AND ADJUSTMENT RINGS, ONTO THE EXISTING STRUCTURE SHALL BE WATER-TIGHT.
4. ADJUSTMENT RINGS SHALL BE INFRA RISER RINGS OR APPROVED EQUAL. APPLY WATERPROOF MASTIC AND MEMBRANE AROUND RINGS.

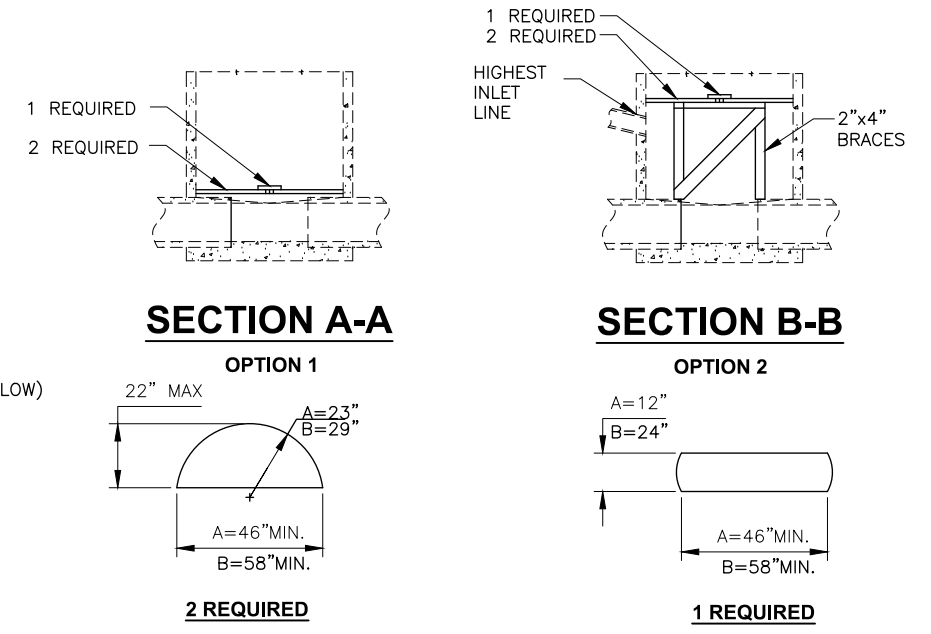
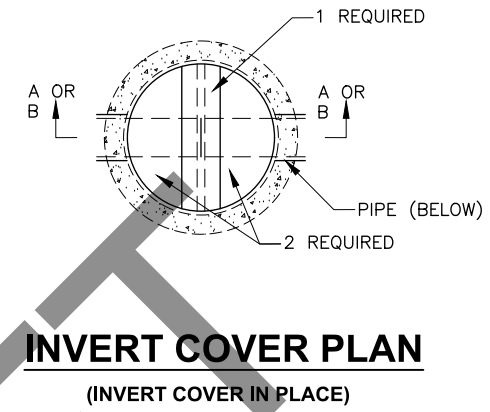
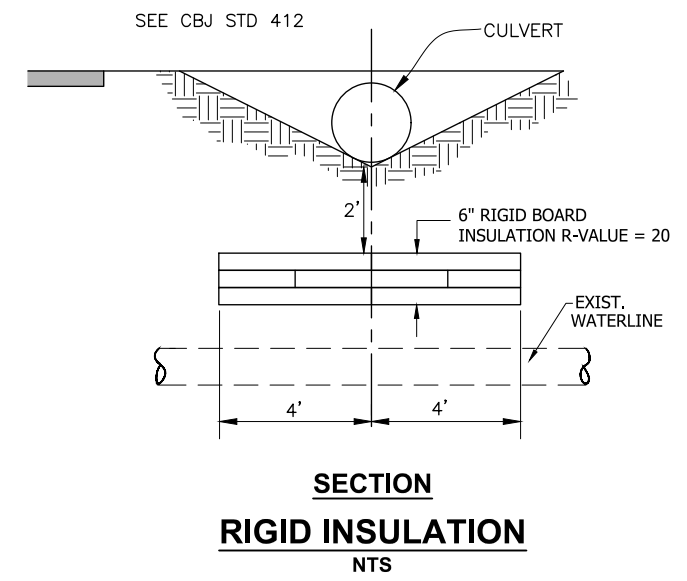
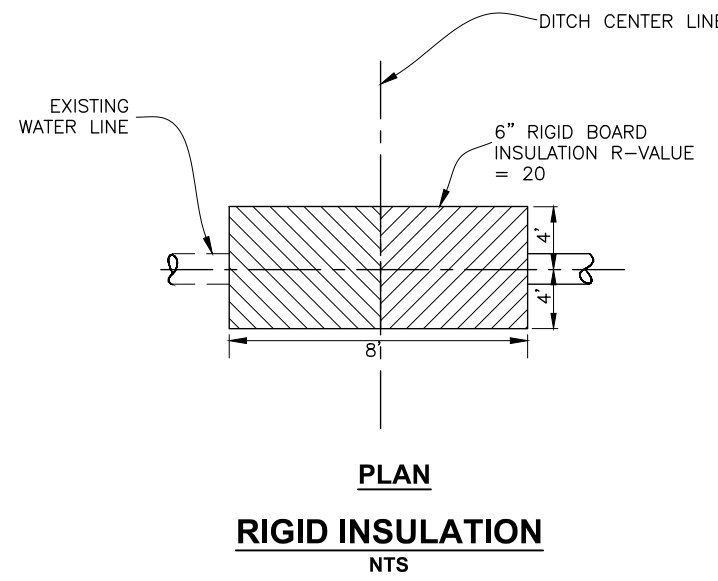


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**EGAN DR IMPROVEMENTS,  
MAIN ST. TO 10TH ST**

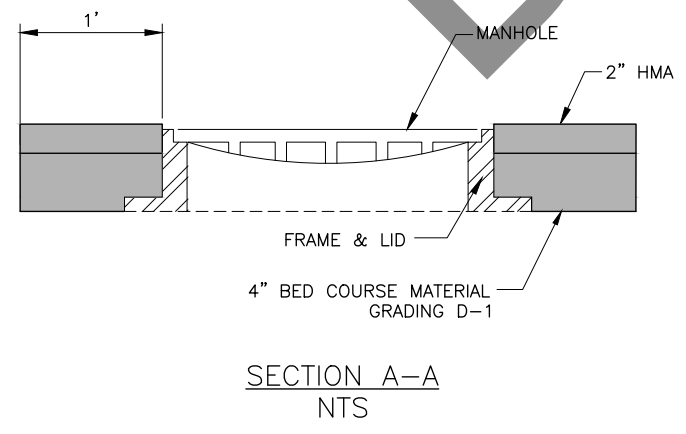
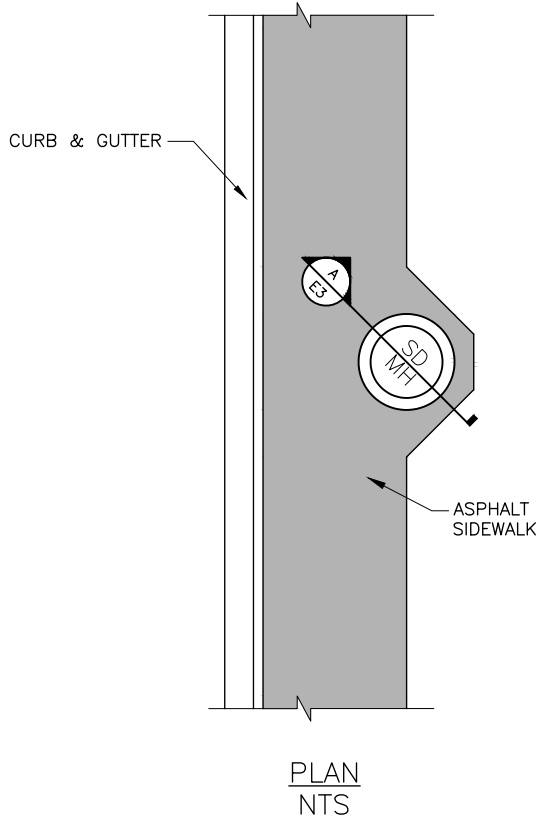
MISCELLANEOUS DETAILS

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
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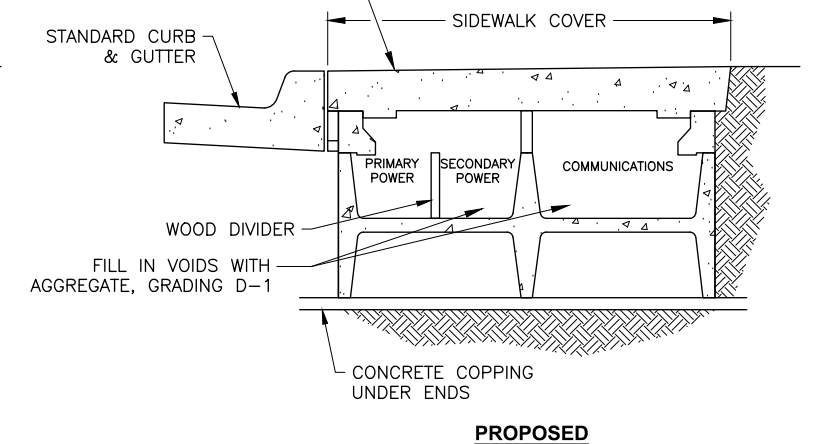
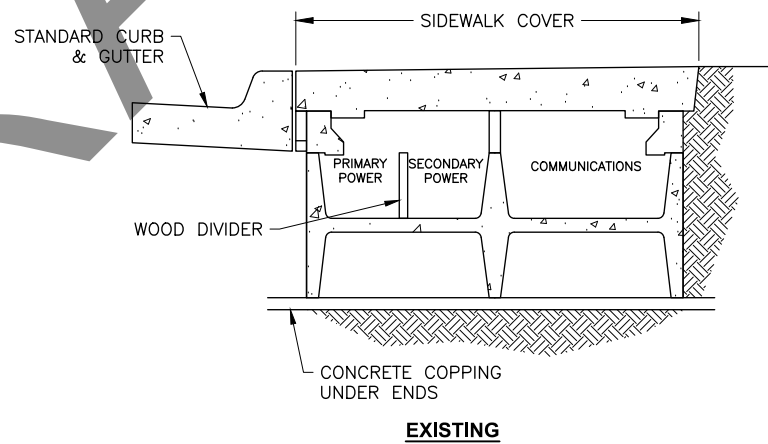


**RIGID INSULATION NOTES:**

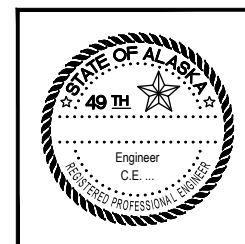
1. INSTALL INSULATION AS SHOWN WHEN EXISTING WATERLINE IS LESS 5'-0" BELOW BOTTOM OF DITCH.
2. PIPE INSULATION SHALL BE 8'-0" IN LENGTH, CENTERED OVER EXISTING WATERLINE.
3. PIPE INSULATION WITH R-FACTOR EQUAL TO RIGID BOARD MAY BE SUBSTITUTED IF APPROVED BY ENGINEER.
4. CROSSING SHALL BE PROTECTED WITH A MINIMUM 6" OF INSULATION BOARDS WITH A 12" OVER LAP AS SHOWN.



**4 PAVING AROUND MANHOLE**  
SCALE: NOT TO SCALE



**3 UTILIWALK SIDEWALK REPLACEMENT**  
SCALE: NOT TO SCALE



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MAIN ST. TO 10TH ST**

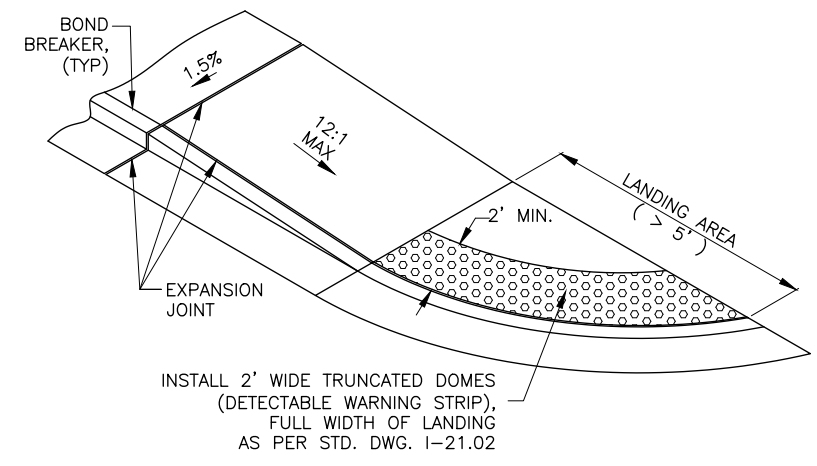
MISCELLANEOUS DETAILS

DRAFT

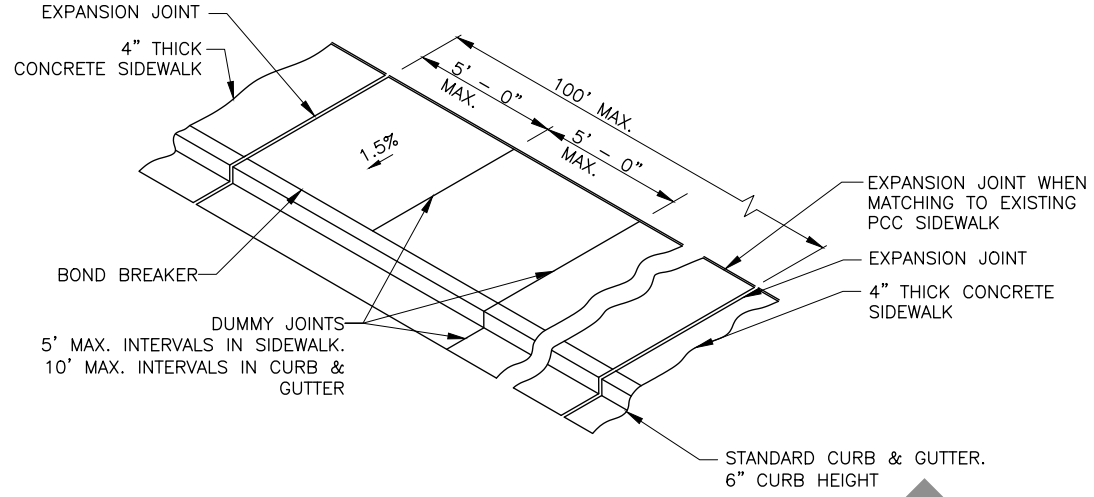
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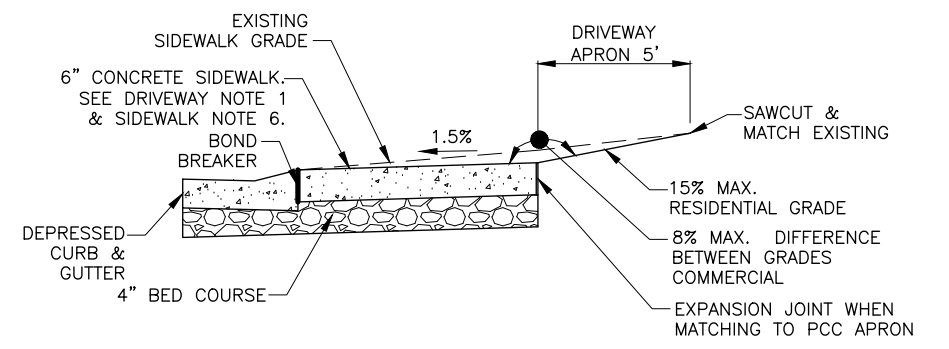
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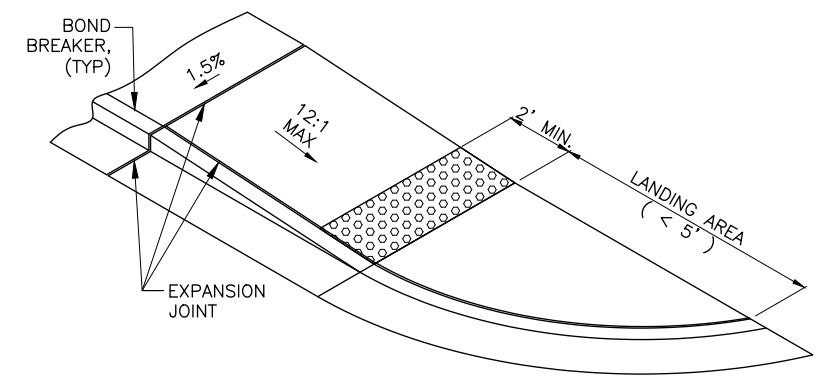
**3 ONE WAY DIRECTIONAL CURB RAMP**  
**(LANDING AREA > 5')**  
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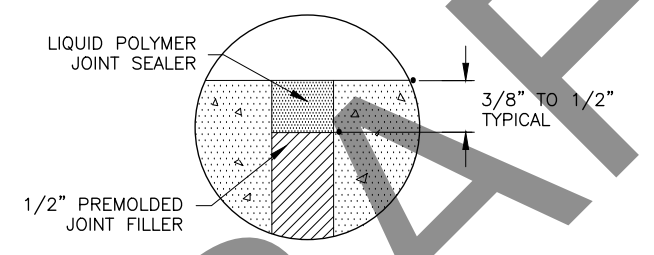
**2 TYPICAL SIDEWALK, CURB & GUTTER DETAIL**  
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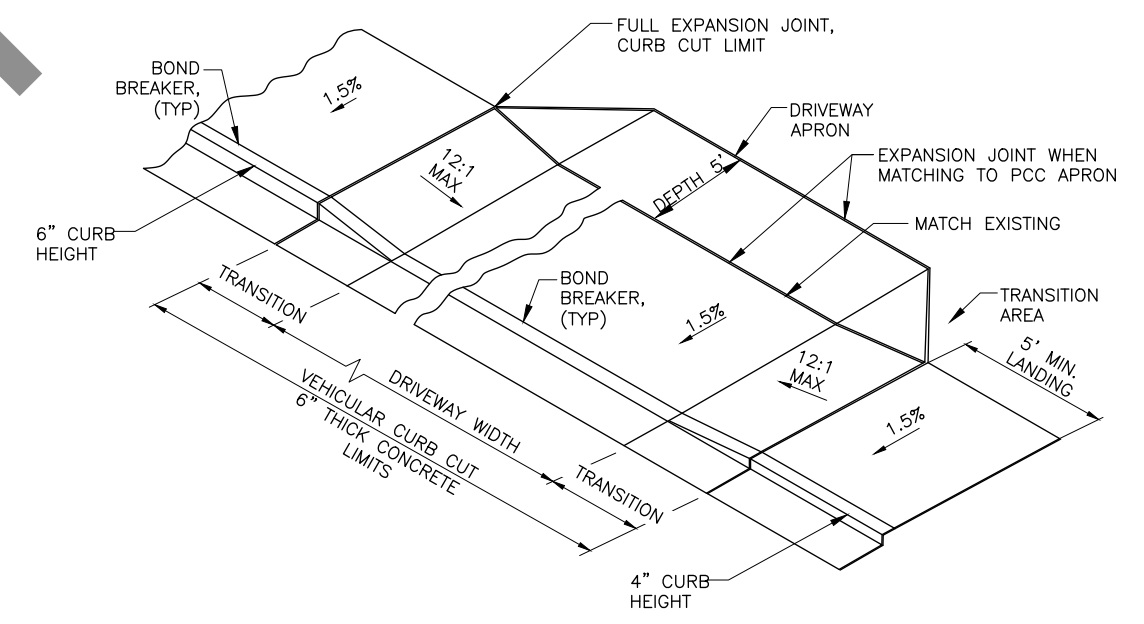
**1 DRIVEWAY APRON SECTION**  
 SCALE: N.T.S.



**4 ONE WAY DIRECTIONAL CURB RAMP**  
**(LANDING AREA < 5')**  
 SCALE: NOT TO SCALE



**6 EXPANSION JOINT DETAIL**  
 SCALE: NOT TO SCALE



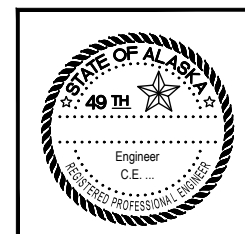
**5 DRIVEWAY RAMP DETAIL**  
 SCALE: NOT TO SCALE

**SIDEWALK, CURB & GUTTER NOTES:**

- IN ALL CASES THE SIDEWALK CROSS-SLOPE WILL TARGET 1.5% AND WILL IN NO CASE EXCEED 2% IN ORDER TO MEET ADA REQUIREMENTS. SURFACE DRAINAGE WILL BE TOWARDS THE ROADWAY.
- NUMEROUS PROPERTIES ARE FRONTED WITH FENCES OR WALLS AT THE BACK OF THE EXISTING SIDEWALK. EXERCISE CAUTION TO AVOID DAMAGING PRIVATE FEATURES. REMOVE AND REPLACE FENCES AND RETAINING WALLS SHOWN ON THE PLANS.
- CONCRETE SIDEWALKS AND CURB & GUTTER EXPANSION JOINTS SHALL BE PLACED AT EACH END OF CURB RETURNS AND IMMEDIATELY PRECEDING AND FOLLOWING ALL CURB AND SIDEWALK CUTS. THEREAFTER, THEY SHALL BE PLACED AT 100' MAXIMUM INTERVALS. INSTALL EXPANSION JOINTS WHEN ABUTTING EXISTING FEATURES SUCH AS RETAINING WALLS, FOUNDATIONS, STAIRS, ETC.
- INSTALL A BOND BREAKER FOR THE FULL THICKNESS OF THE SIDEWALK BETWEEN THE SIDEWALK AND CURB & GUTTER AS SHOWN. USE A 15 OR 30 POUND ROOFING FELT MATERIAL OR OTHER APPROVED PRODUCT. DO NOT USE EXPANSION JOINT MATERIAL AS A BOND BREAKER.
- CONCRETE SIDEWALK DUMMY JOINTS SHALL EXTEND INTO CONCRETE 1/3 THE DEPTH OF THE CONCRETE AND 1/8" WIDE AT 5' MAXIMUM INTERVALS BETWEEN EXPANSION JOINTS. PLACE CURB & GUTTER DUMMY JOINTS AT 10' MAXIMUM INTERVALS.
- ALL CONCRETE WITHIN THE CURB CUT LIMITS FOR DRIVEWAYS SHALL BE 6" THICK.
- WHERE THE ROADWAY IS SUPERELEVATED AND USES A CONTINUOUS CROSS-SLOPE WITHOUT A CROWN AT CENTERLINE, THE GUTTER PAN ON THE HIGH SIDE OF THE ROADWAY SHALL MATCH THE SLOPE OF THE ROADWAY AND DRAIN TOWARD CENTERLINE.
- ALL JOINTS AND SEAMS SHALL BE EDGED.
- STEEL TROWELING FINISH REQUIRED PRIOR TO BROOM FINISHING ON ALL SURFACES.
- CURING COMPOUND SHALL BE APPLIED TO THE CONCRETE. APPLICATION SHALL CONFORM TO THE MANUFACTURER'S RECOMMENDATIONS.
- SEE STANDARD DRAWINGS I-20.15 AND I-21.03 FOR ADDITIONAL INFORMATION.

**DRIVEWAY APRON NOTES:**

- WHEN REQUIRED TO SAWCUT TO MATCH TO EXISTING DRIVE, CONSTRUCT APRON OF SAME MATERIAL AS EXISTING DRIVE. FOR EXISTING ASPHALT PAVEMENT DRIVES, CONSTRUCT APRON WITH 2" ASPHALT CONCRETE. FOR PCC DRIVES, CONSTRUCT APRON WITH MINIMUM 6" CLASS A CONCRETE OR MATCH EXISTING WHEN GREATER THAN 6" THICK.

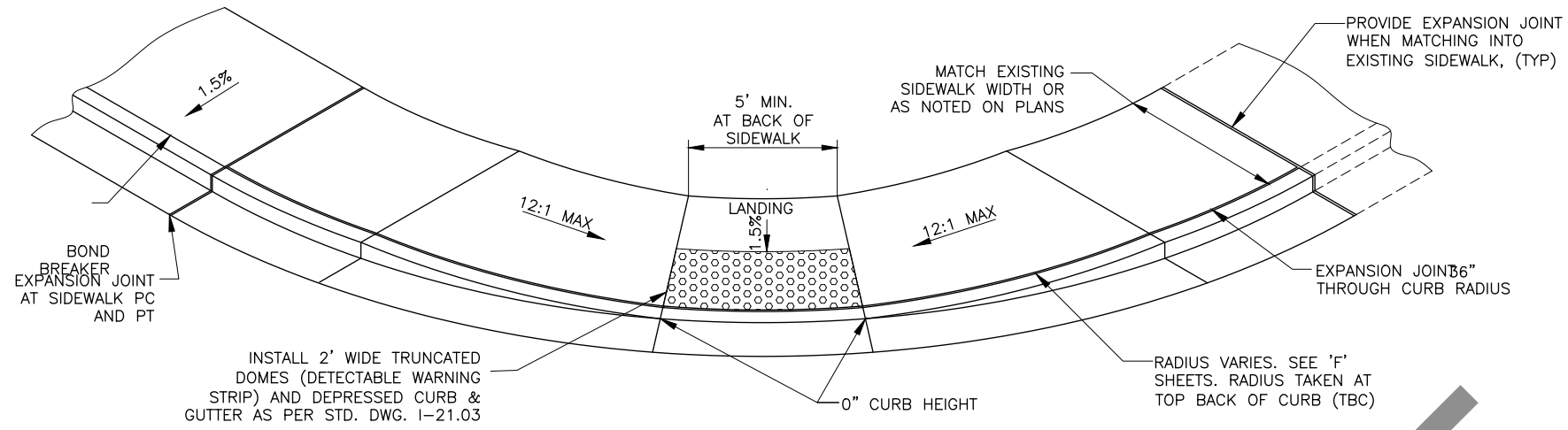


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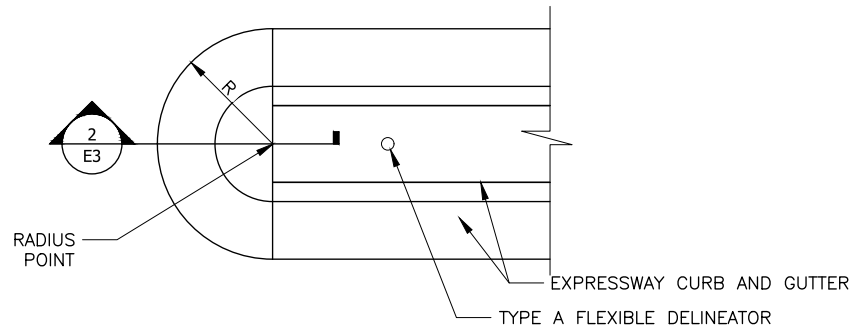
**EGAN DR IMPROVEMENTS,**  
**MAIN ST. TO 10TH ST**

MISCELLANEOUS DETAILS

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	NH-0932(047)/69393	2017	E4	112



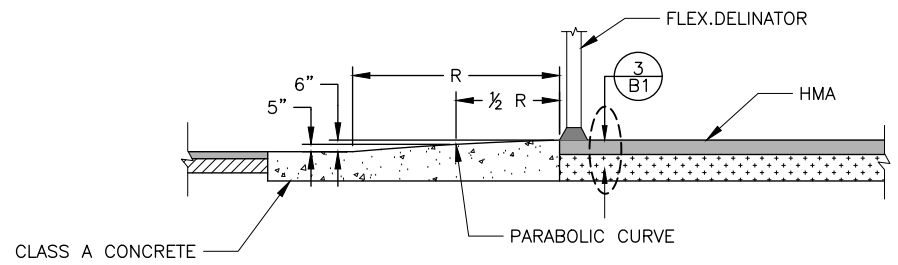
**3 CURB RAMP DETAIL**  
E3 SCALE: NOT TO SCALE



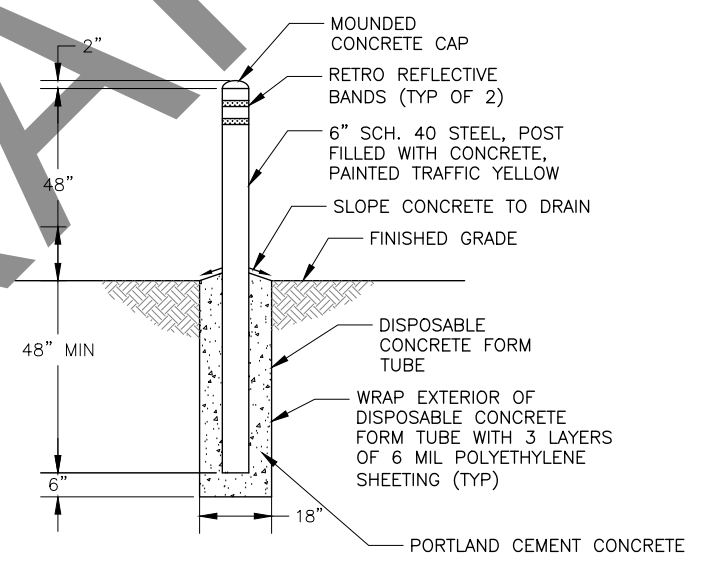
**1 ISLAND NOSE DETAIL - PLAN VIEW**  
E3 SCALE: N.T.S.

**NOTES:**

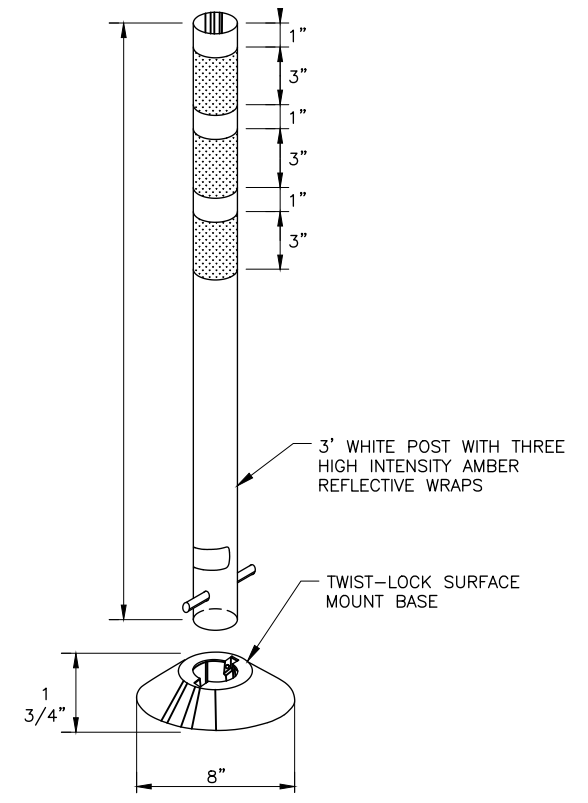
- ISLAND NOSE SHALL BE PAINTED WITH YELLOW REFLECTORIZED PAINT. SHAPING AND PAINTING WILL BE SUBSIDIARY.
- MONOLITHIC POUR.
- INSTALL PER SEC 629, SUBSIDIARY TO 609(2)



**2 ISLAND NOSE DETAIL - SECTION**  
E3 SCALE: N.T.S.



**3 BOLLARD DETAIL**  
E4 SCALE: NOT TO SCALE



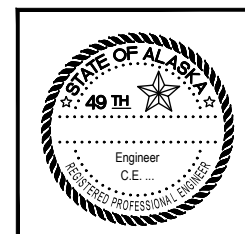
**1 TYPE-A FLEXIBLE DELINEATOR**  
E4 SCALE: NOT TO SCALE

**TYPE A FLEXIBLE DELINEATOR NOTES:**

- DELINEATORS SHALL BE INSTALLED AT LOCATIONS SHOWN IN THE PLANS OR AS DIRECTED BY THE ENGINEER.
- DELINEATORS SHALL BE WHITE IN COLOR. DELINEATORS INSTALLED ON OUTSIDE SHOULDERS SHALL HAVE WHITE REFLECTIVE SHEETING. DELINEATORS INSTALLED ON MEDIUM SHOULDERS SHALL HAVE YELLOW REFLECTIVE SHEETING.

DRAFT

FILE: G:\nu\69393\Plmnet\69393\_E1-E6\_MiscDetails.dwg DATE: 6/6/2017 9:47 LAYOUT: E4 DESIGNED: NG, DP CHECKED: CT DRAFTED: NG, RG



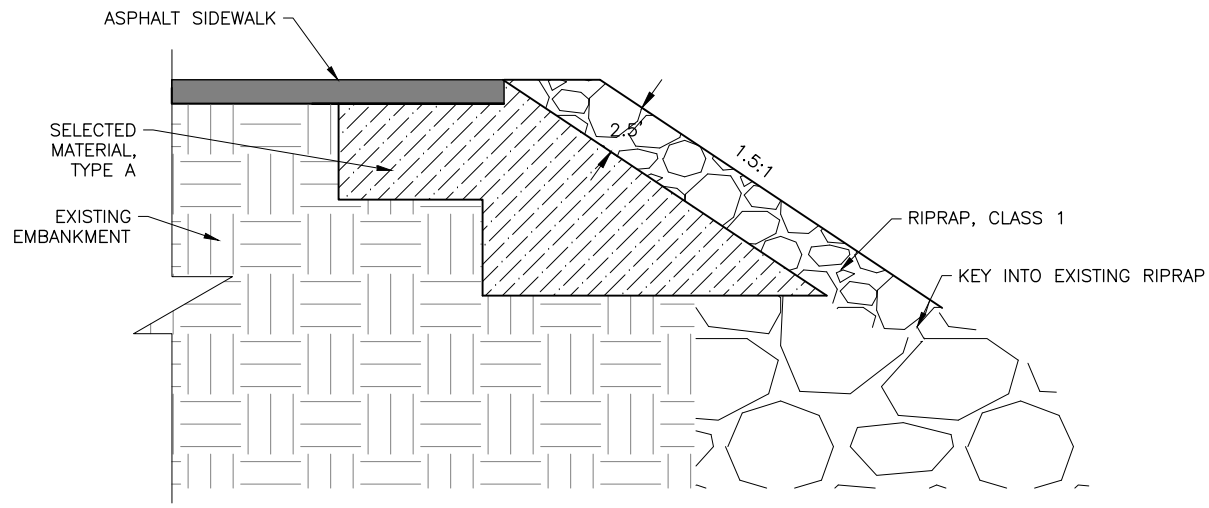
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EGAN DR IMPROVEMENTS,  
MAIN ST. TO 10TH ST

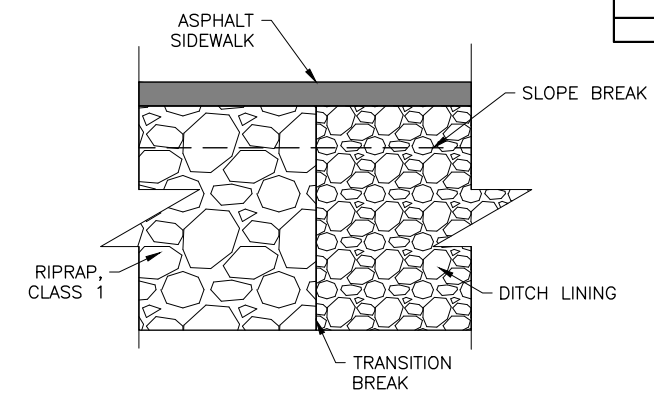
MISCELLANEOUS DETAILS



NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	NH-0932(047)/69393	2017	E5	112

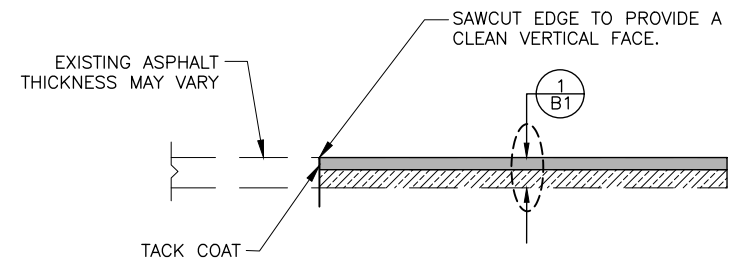


1 RIPRAP PROFILE  
E5 SCALE: NOT TO SCALE

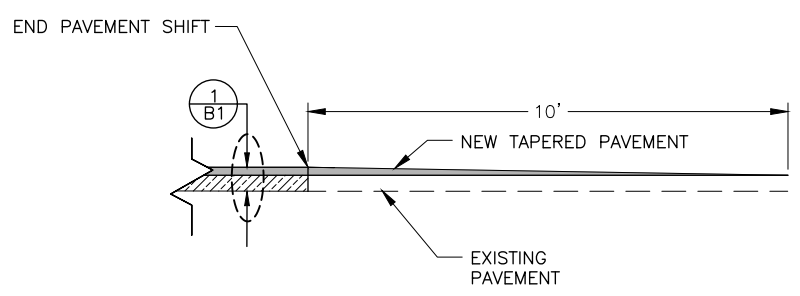


4 RIPRAP TRANSITION INTO STABILIZED FILL SECTION PLAN  
E5 SCALE: NOT TO SCALE

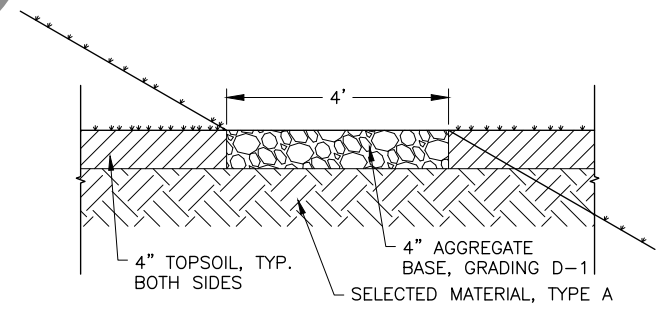
NOTE:  
1. END SEPARATION GEOTEXTILE WRAP AT TRANSITION BREAK.



4 EGAN DRIVE MATCH JOINT DETAIL  
E4 SCALE: NOT TO SCALE



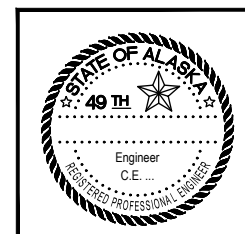
5 END OF WORK DAY PAVEMENT TRANSITION  
E4 SCALE: NOT TO SCALE



2 GRAVEL PATH PROFILE  
E5 SCALE: NOT TO SCALE

DRAFT

FILE G:\nu\69393\Plmnet\69393.E1-E6\_MiscDetails.dwg DATE 6/6/2017 9:47 LAYOUT E5 DESIGNED NG,DP CHECKED CT DRAFTED NG,RG



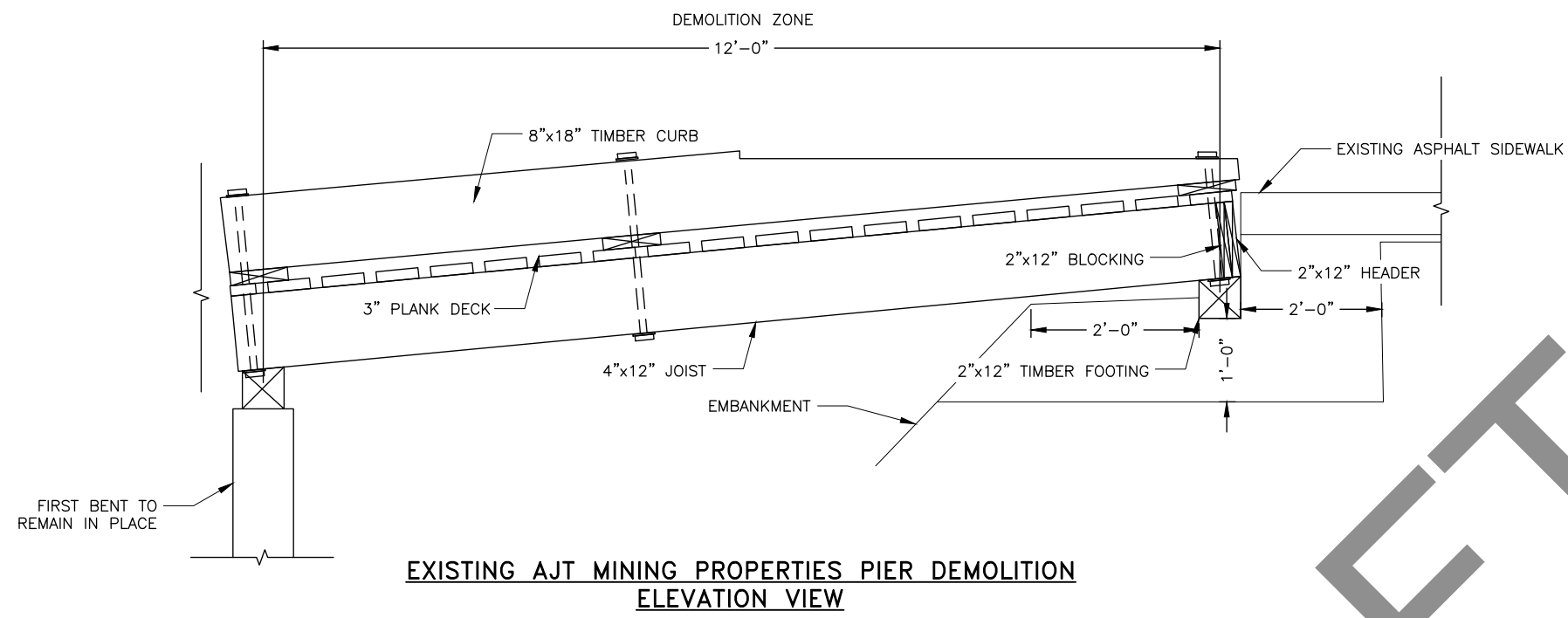
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**EGAN DR IMPROVEMENTS,  
MAIN ST. TO 10TH ST**

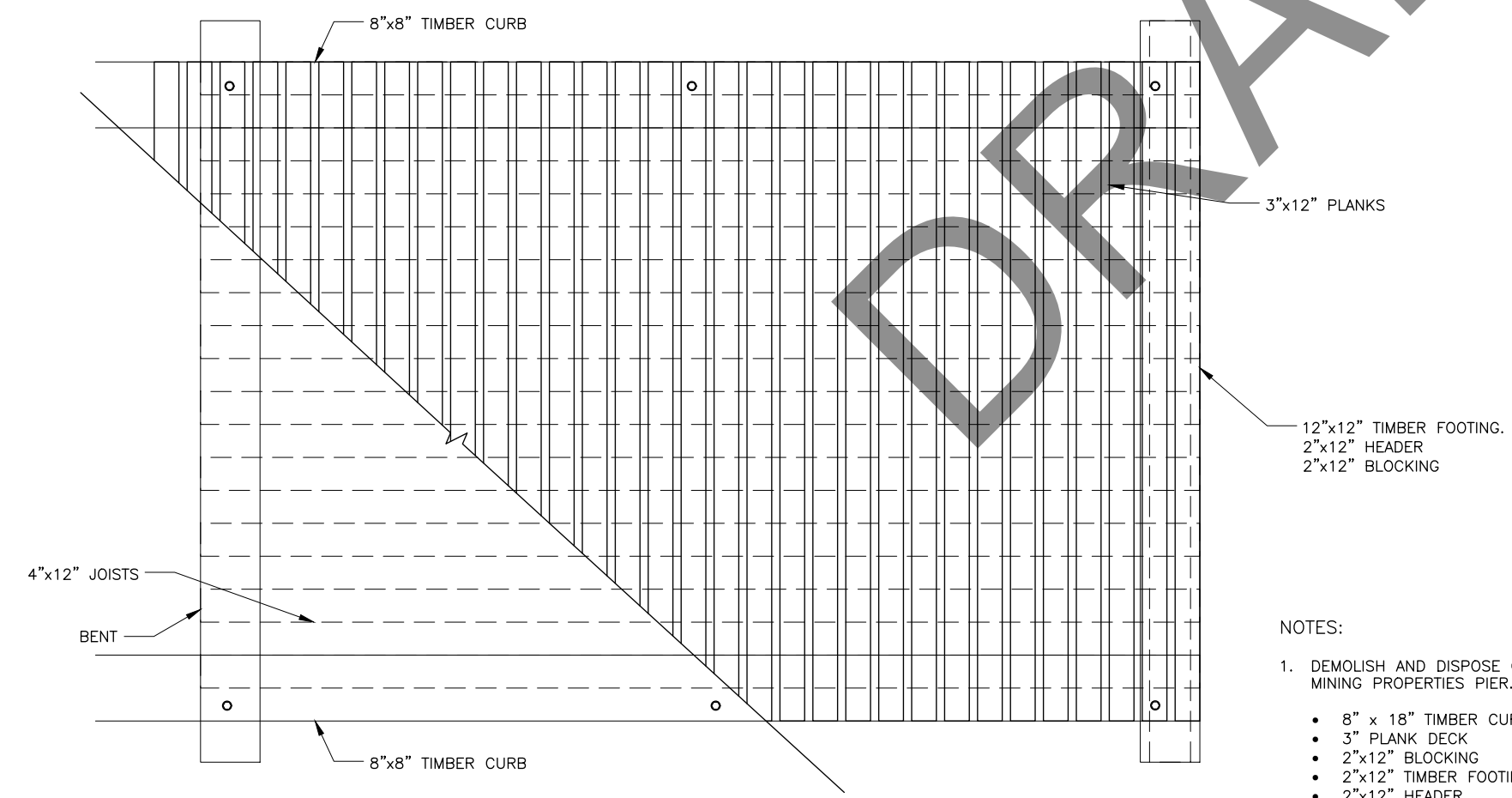
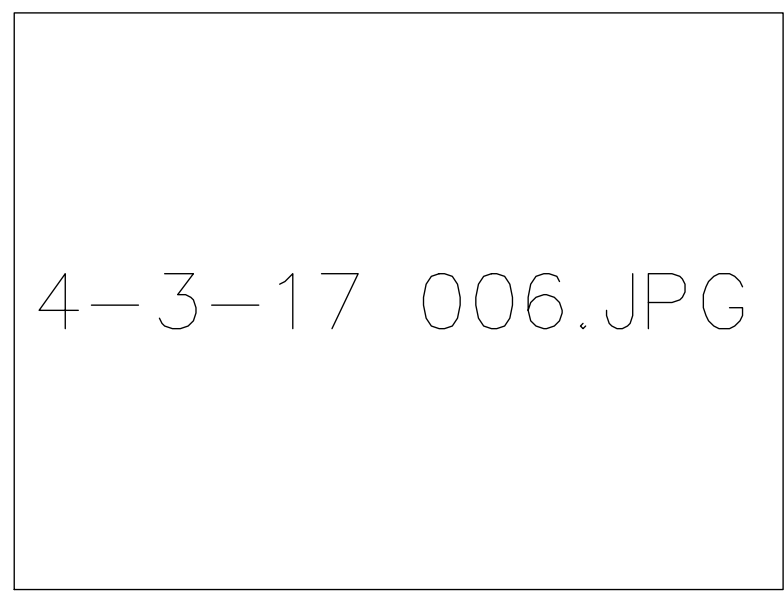
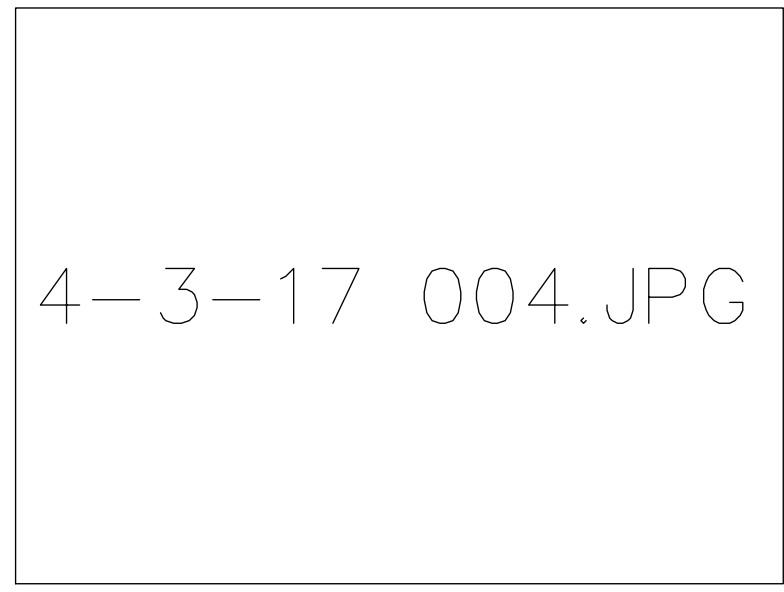
MISCELLANEOUS DETAILS

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	NH-0932(047)/69393	2017	E6	112

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 DESIGNED NG,DP  
 CHECKED CT  
 DRAFTED NG,RG



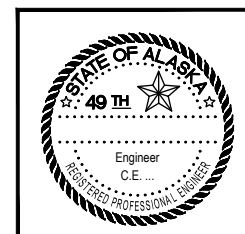
**EXISTING AJT MINING PROPERTIES PIER DEMOLITION  
ELEVATION VIEW**



**EXISTING AJT MINING PROPERTIES PIER DEMOLITION  
PLAN VIEW**

**NOTES:**

- DEMOLISH AND DISPOSE OF APPROXIMATELY 12 FEET OF EXISTING AJT MINING PROPERTIES PIER. ITEMS TO BE DISPOSED OF INCLUDE:
  - 8" x 18" TIMBER CURB
  - 3" PLANK DECK
  - 2"x12" BLOCKING
  - 2"x12" TIMBER FOOTING
  - 2"x12" HEADER
- REFER TO AKDOT PROJECT F-093-1(3) FOR ORIGINAL DESIGN DETAILS.

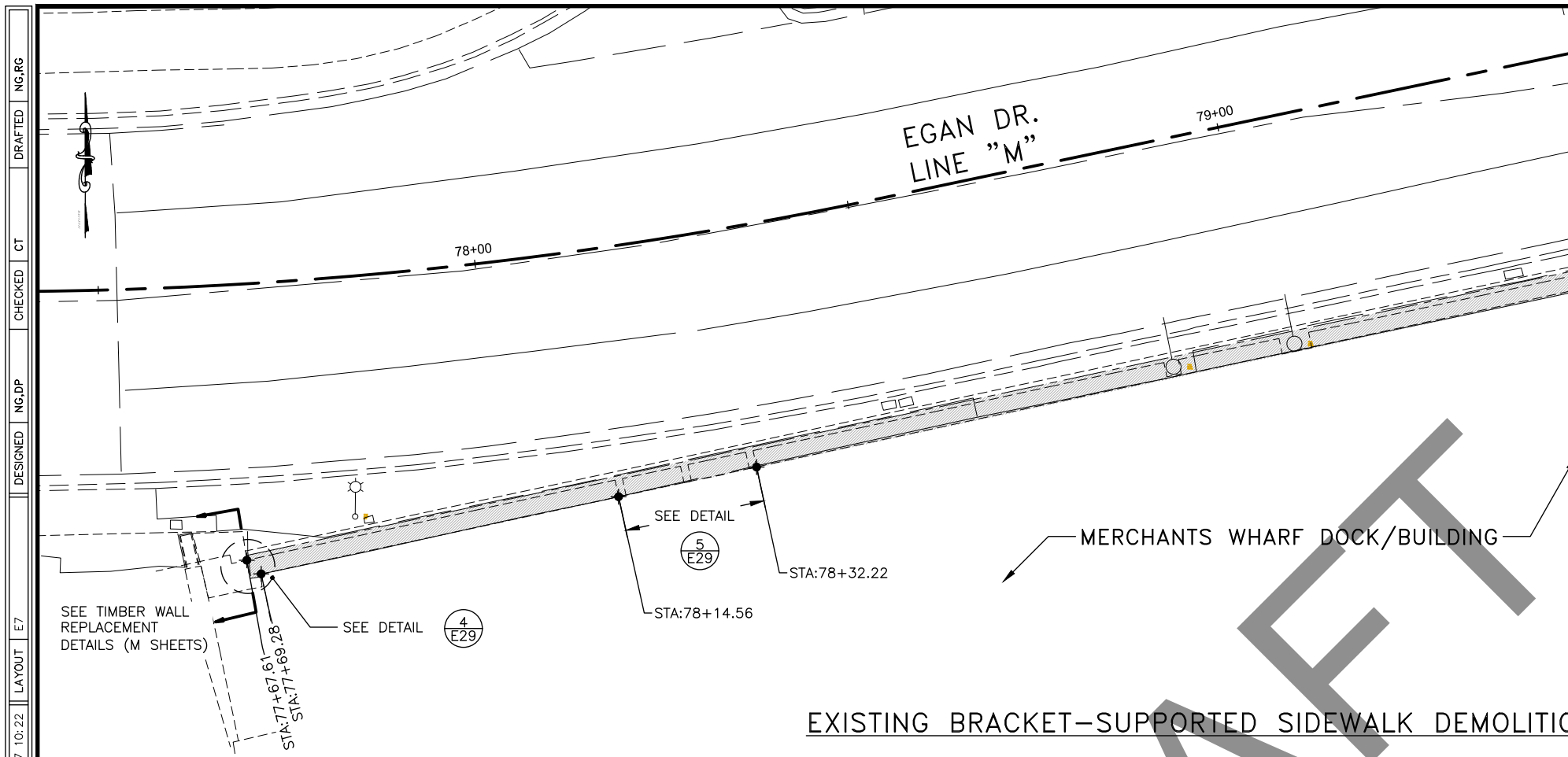


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**EGAN DR IMPROVEMENTS,  
MAIN ST. TO 10TH ST**

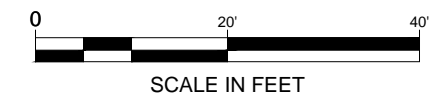
MISCELLANEOUS DETAILS

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	NH-0932(047)/69393	2017	E7	E30

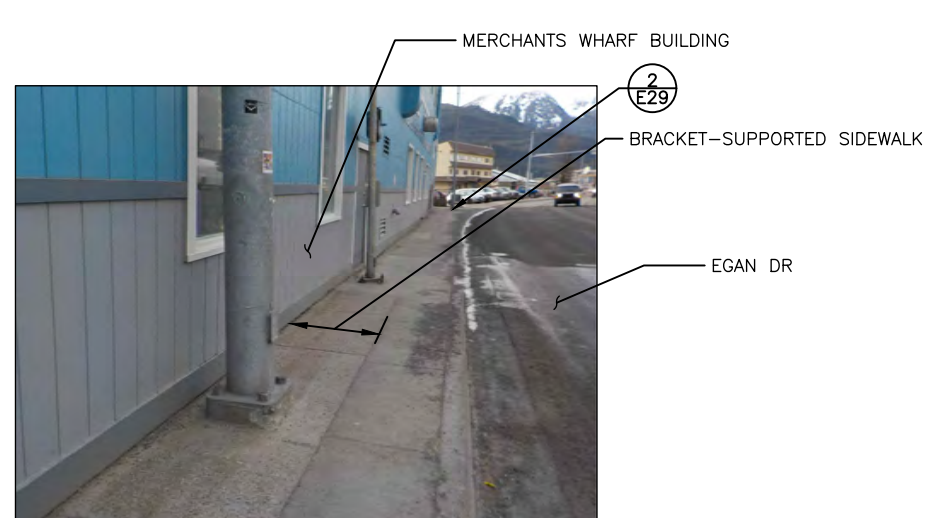
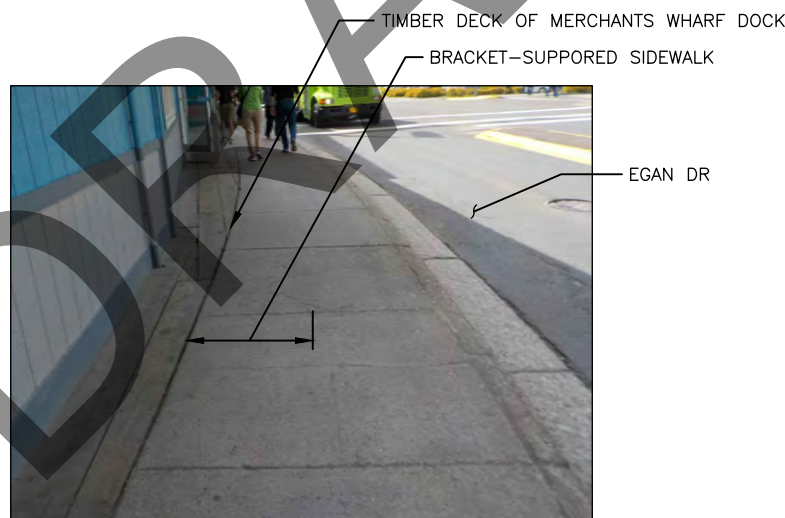


LEGEND:  
 AREA OF BRACKET-SUPPORTED SIDEWALK TO BE DEMOLISHED.

LINE "M" STATION ID	DESCRIPTION
STA. 77+67.61	WEST END OF EXISTING CONCRETE RETAINING WALL
STA. 77+69.28	WEST CORNER OF MERCHANTS WHARF BUILDING
STA. 79+46.09	CORNER OF MERCHANTS WHARF BUILDING
STA. 80+36.37	EAST CORNER OF MERCHANTS WHARF BUILDING
STA. 80+41.10	EAST END OF EXISTING CONCRETE RETAINING WALL



EXISTING BRACKET-SUPPORTED SIDEWALK DEMOLITION PLAN



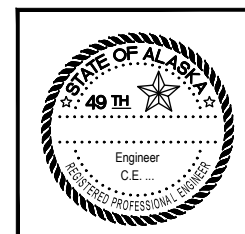
1 PHOTO: EXISTING BRACKET-SUPPORTED SIDEWALK  
 SCALE: NOT TO SCALE

2 PHOTO: EAST END OF EXISTING SIDEWALK  
 SCALE: NOT TO SCALE

3 PHOTO: WEST END OF EXISTING SIDEWALK  
 SCALE: NOT TO SCALE

NOTES:

- DEMOLISH AND DISPOSE OF APPROX. 275 LINEAR FEET OF CONCRETE SIDEWALK, CORRUGATED FORM PAN AND ASSOCIATED STEEL SUPPORT BRACKETS AND ANGLES. EXISTING STEEL BRACKETS SHALL BE REMOVED IN THEIR ENTIRETY, EXCEPT WHERE A STEEL TIE-BACK RUNNING FROM THE TIMBER DOCK IS ATTACHED TO AN EXISTING ANCHOR BOLT. IN THOSE LOCATIONS THE TIE-BACK SHALL REMAIN UNTOUCHED AND THE CONTRACTOR SHALL LEAVE BOTTOM OF BRACKET INTACT, ONLY REMOVING PORTION ABOVE DASHED LINE SHOWN IN DETAIL 3 ON SHEET E29. ALL OTHER EXISTING ANCHOR BOLTS SHALL BE CUT FLUSH WITH SURFACE OF RETAINING WALL AND LEFT IN-PLACE.
- OWNER OF THE MERCHANTS WHARF SHALL RELOCATE ALL TELEPHONE/CABLE LINES THAT CURRENTLY RUN IN-BETWEEN STEEL BRACKETS TO A LOCATION UNDER THE TIMBER DOCK THAT WILL NOT INTERFERE WITH CONTRACTOR'S SCOPE OF WORK. RELOCATION OF THESE LINES SHALL BE COMPLETED PRIOR TO CONTRACTOR MOBILIZING ON-SITE.
- REFER TO AKDOT PROJECT F-093-1(3) FOR ORIGINAL DESIGN DETAILS.



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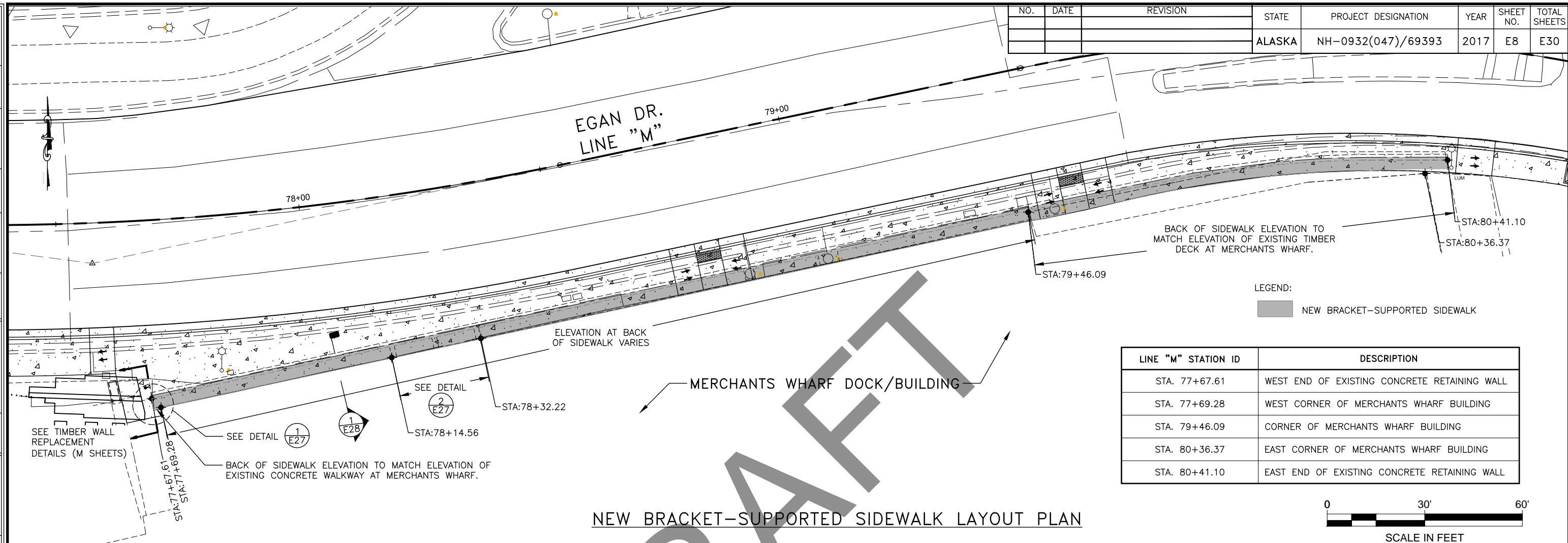
EGAN DR IMPROVEMENTS,  
 MAIN ST. TO 10TH ST

DEMOLITION PLAN FOR EXISTING BRACKET-SUPPORTED SIDEWALK

FILE G:\nu\69393\Plmnet\69393\_E7-E8\_(brackets layout).dwg  
 DATE 6/6/2017 10:22 LAYOUT E7 DESIGNED NG,DP CHECKED CT DRAFTED NG,RG

FILE G:\nu\69393\Plmset\69393\_E7-E8\_(brackets layout).dwg  
 DATE 6/6/2017 10:22 LAYOUT E8 DESIGNED NG, DP CHECKED CT DRAFTED NG, RG

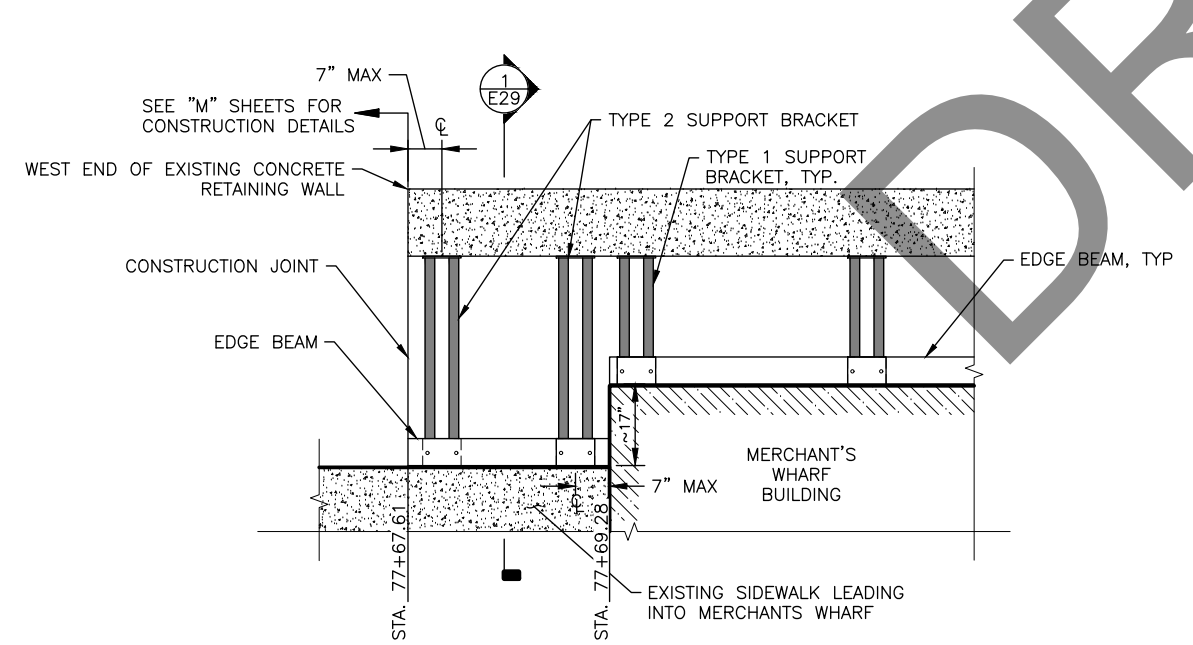
NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	NH-0932(047)/69393	2017	E8	E30



LINE "M" STATION ID	DESCRIPTION
STA. 77+67.61	WEST END OF EXISTING CONCRETE RETAINING WALL
STA. 77+69.28	WEST CORNER OF MERCHANTS WHARF BUILDING
STA. 79+46.09	CORNER OF MERCHANTS WHARF BUILDING
STA. 80+36.37	EAST CORNER OF MERCHANTS WHARF BUILDING
STA. 80+41.10	EAST END OF EXISTING CONCRETE RETAINING WALL

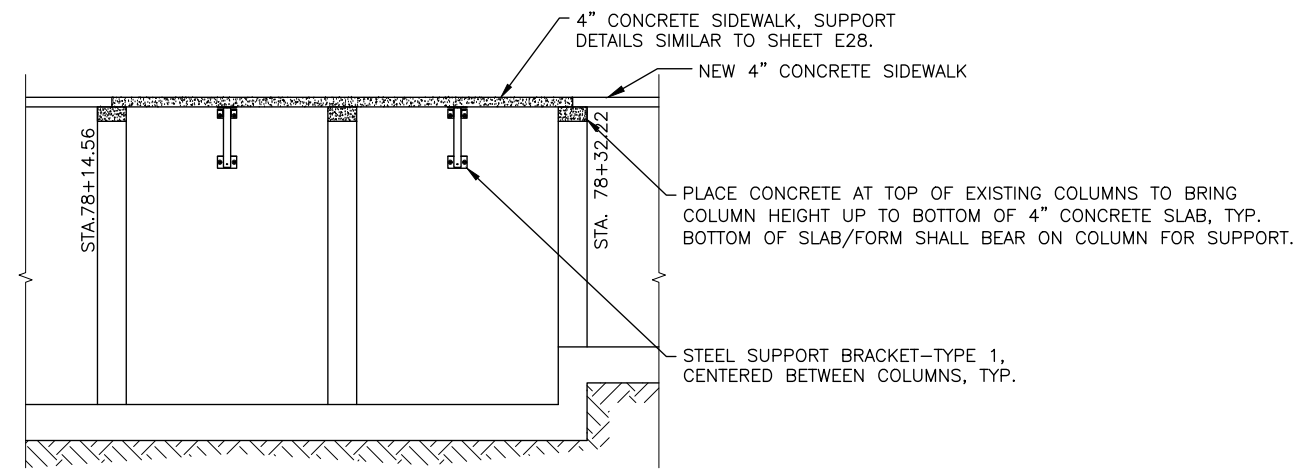


**NEW BRACKET-SUPPORTED SIDEWALK LAYOUT PLAN**



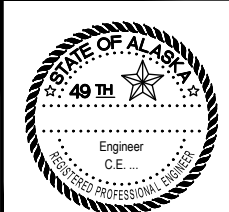
**1 TYPE 2 BRACKET LOCATION - PLAN**  
SCALE: NOT TO SCALE

NOTE: CONCRETE SIDEWALK ABOVE MOUNTING BRACKETS NOT SHOWN FOR CLARITY.



**2 10" SLAB MODIFICATION DETAILS - ELEVATION**  
SCALE: NOT TO SCALE

NOTE:  
1. CONTRACTOR SHALL INTEGRATE NEW CONCRETE AT THE TOP OF COLUMNS INTO THE EXISTING CONCRETE BY SALVAGING THE REBAR IN THE DEMOLITION AREA, OR CONTRACTOR CAN SUBMIT ALTERNATIVE PLAN TO PROVIDE NEW REBAR THAT WILL BOND THE NEW AND THE OLD TOGETHER.

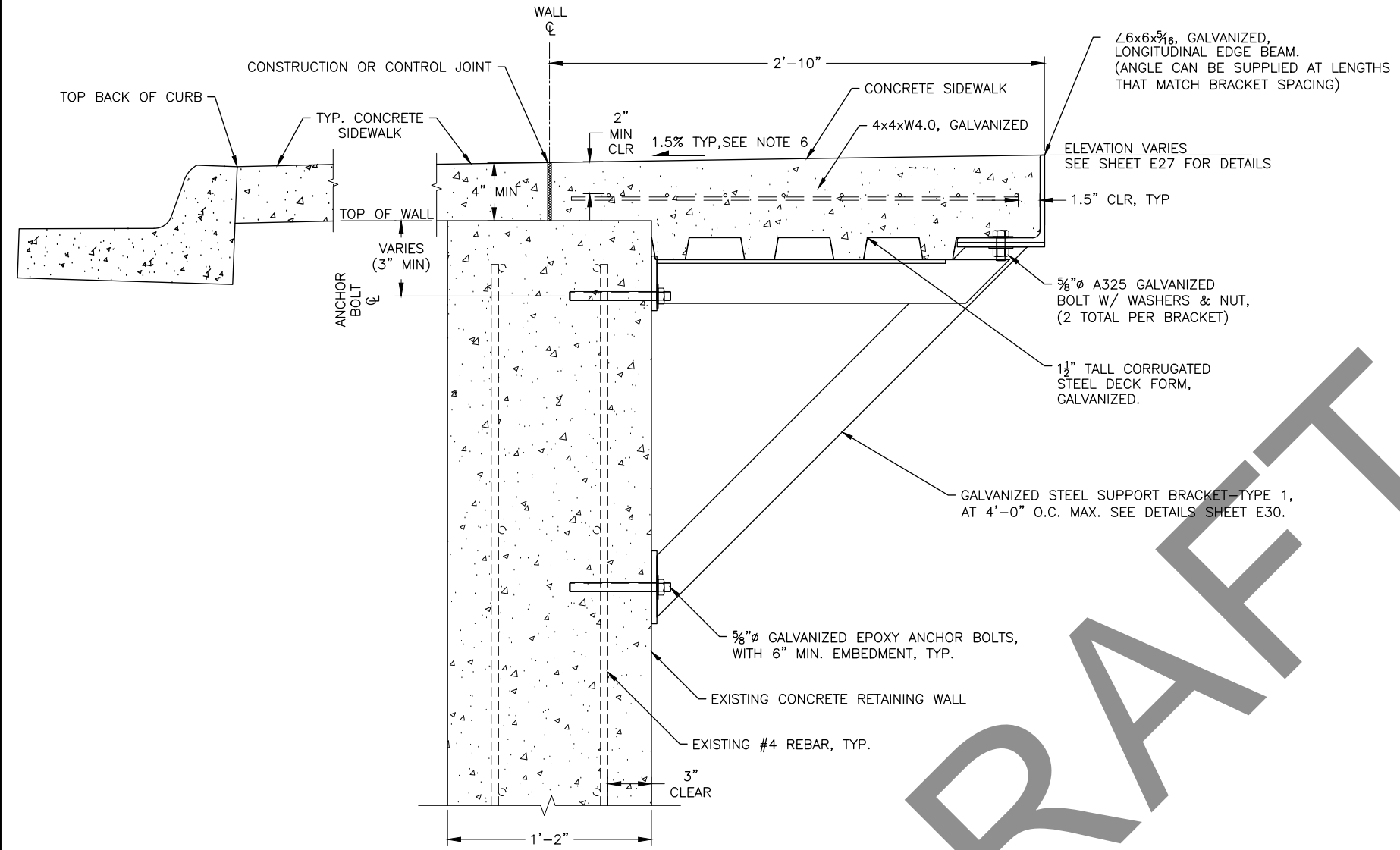


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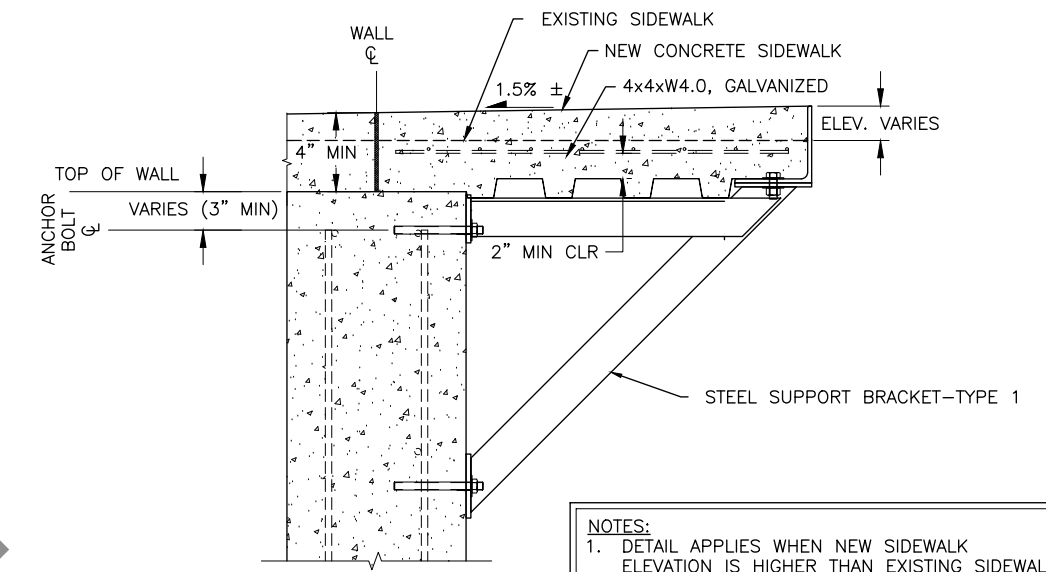
**EGAN DR IMPROVEMENTS,  
 MAIN ST. TO 10TH ST**

LAYOUT PLAN FOR NEW  
 BRACKET-SUPPORTED SIDEWALK

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	NH-0932(047)/69393	2017	E9	E30

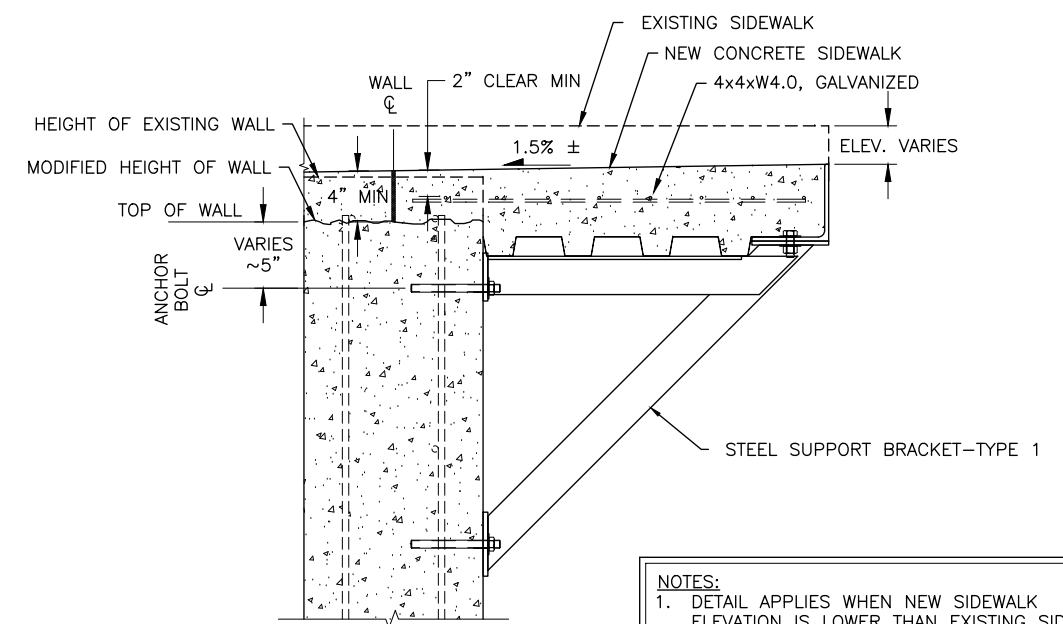


**1**  
E9 TYPICAL SIDEWALK SUPPORT BRACKET - TYPE 1  
SCALE: NOT TO SCALE



**NOTES:**  
 1. DETAIL APPLIES WHEN NEW SIDEWALK ELEVATION IS HIGHER THAN EXISTING SIDEWALK.  
 2. DETAILS NOT SHOWN SIMILAR TO DETAIL 1

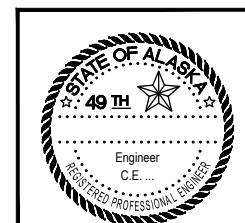
**2**  
E9 SIDEWALK SUPPORT BRACKET DETAIL  
SCALE: NOT TO SCALE



**NOTES:**  
 1. DETAIL APPLIES WHEN NEW SIDEWALK ELEVATION IS LOWER THAN EXISTING SIDEWALK.  
 2. DETAILS NOT SHOWN SIMILAR TO DETAIL 1

**3**  
E9 SIDEWALK SUPPORT BRACKET DETAIL  
SCALE: NOT TO SCALE

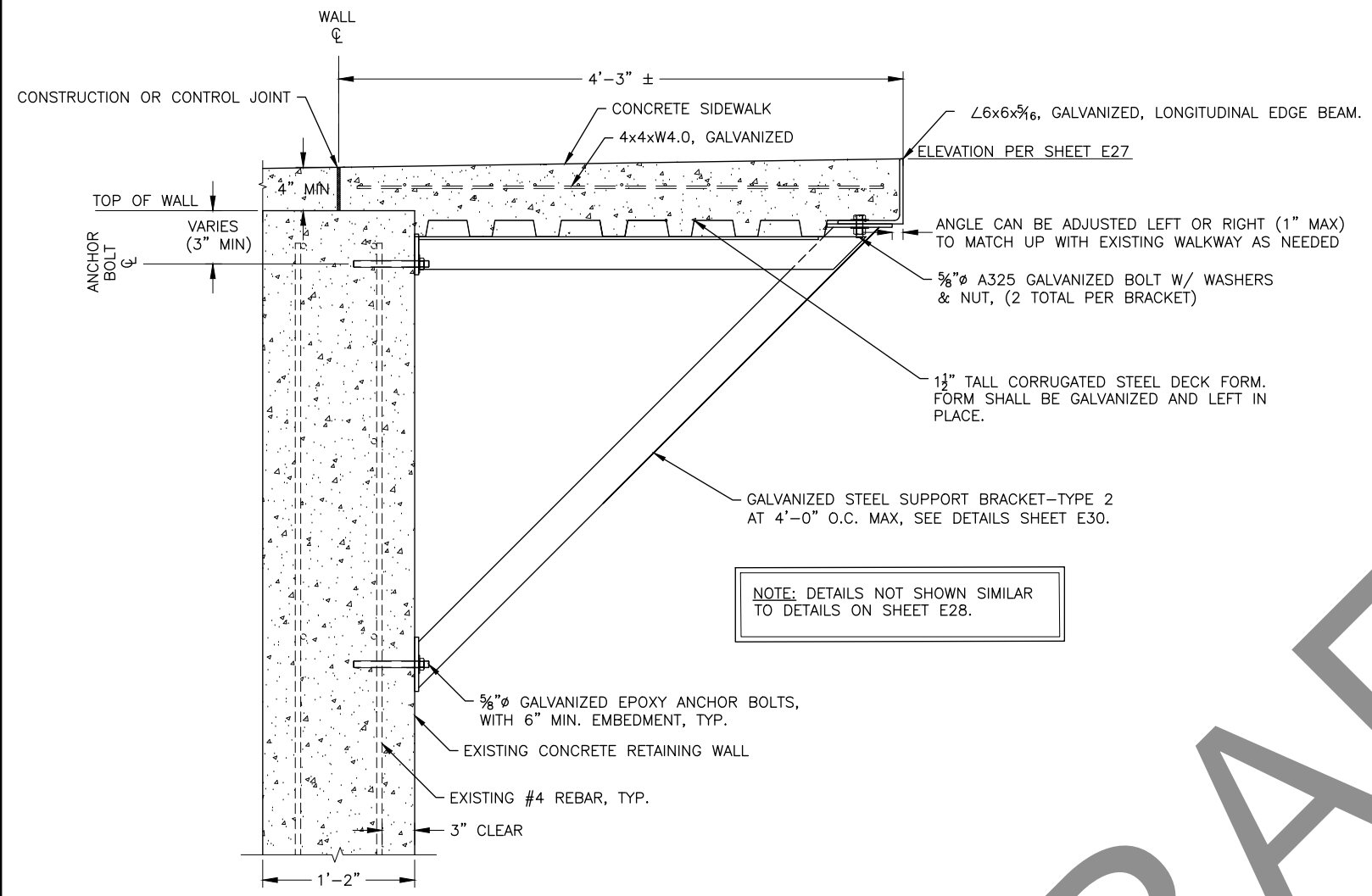
- NOTES:**
1. LOCATION OF THE NEW SUPPORT BRACKETS SHALL BE LAID-OUT BY THE CONTRACTOR AND APPROVED BY THE PROJECT ENGINEER PRIOR TO FINAL INSTALLATION TO VERIFY ALL REQUIREMENTS SHOWN IN THE DRAWING DETAILS ARE MET.
  2. NEW BRACKETS SHALL BE POSITIONED OFF TO ONE SIDE OF EXISTING BRACKETS TO ENSURE NEW EPOXY BOLT LOCATIONS DO NOT INTERFERE WITH EXISTING HOLES. HOLES DRILLED FOR THE NEW EPOXY BOLTS SHALL BE A MINIMUM OF 3" FROM ANY EXISTING BOLTS.
  3. ALL CONCRETE EPOXY ANCHORS SHALL BE PLACED A MINIMUM OF 3" FROM ANY EDGE OF CONCRETE.
  4. CORRUGATED STEEL DECK FORM SHALL BE CAPABLE OF WITHSTANDING CONSTRUCTION LOADS AS DEFINED IN THE SPECIFICATIONS. FORM SHALL BE PERMANENTLY LEFT IN PLACE AND SUPPORTED BY THE HORIZONTAL LEGS OF THE TIE ANGLES AT EACH BRACKET. FORM MAY BE FASTENED TO SUPPORTING ANGLES WITH BOLTS.
  5. BOLT HOLES IN LONGITUDINAL EDGE BEAM MAY BE FIELD-DRILLED. ALL FIELD-DRILLED HOLES IN GALVANIZED STEEL SHALL BE REPAIRED PER SPECIFICATIONS.
  6. CROSS-SLOPE OF SIDEWALK MAY VARY TO MATCH BACK OF SIDEWALK ELEVATION REQUIREMENTS WHERE THOSE ELEVATIONS SHALL MATCH UP TO EXISTING STRUCTURES. CROSS-SLOPES ARE PERMITTED TO VARY BETWEEN 0.5%-2% MAX IN THESE AREAS.
  7. CONTROL & CONSTRUCTION JOINT SPACING ALONG LENGTH OF BRACKET-SUPPORTED SIDEWALK SHALL MATCH SPACING OF ADJACENT SIDEWALK.
  8. BRACKET-SUPPORTED SIDEWALK DESIGN LOADS INCLUDE ALL DEAD LOADS AND A UNIFORM (PEDESTRIAN) LIVE LOAD OF 90 PSF.



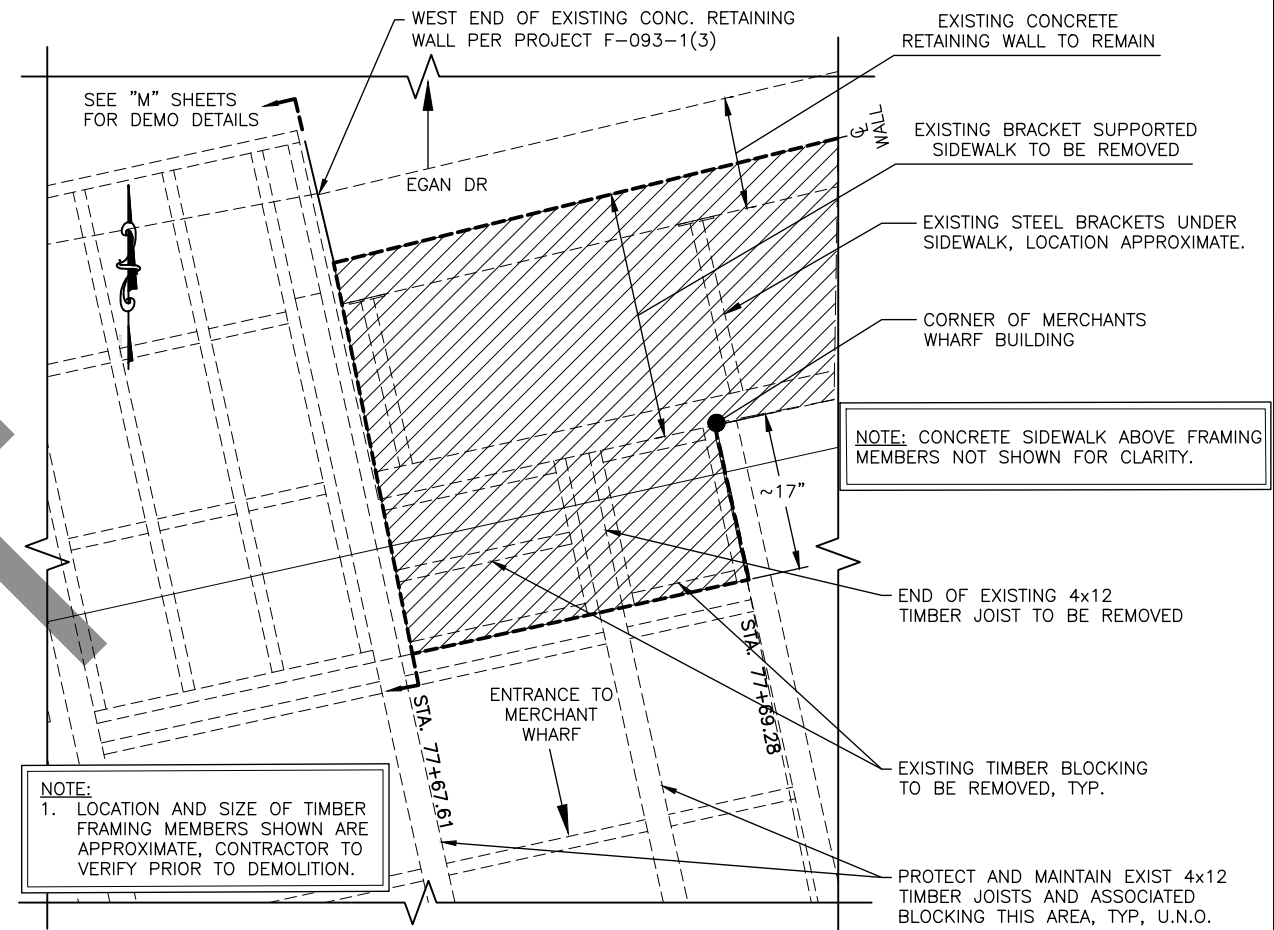
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**EGAN DR IMPROVEMENTS,  
 MAIN ST. TO 10TH ST**  
 SIDEWALK SUPPORT DETAILS

FILE G:\nu\69393\Plmnet\69393\_E9-E11\_(brackets details).dwg  
 DATE 5/22/2017 13:56 LAYOUT E9  
 DESIGNED NG,DP  
 CHECKED CT  
 DRAFTED NG,RG

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	NH-0932(047)/69393	2017	E10	E30

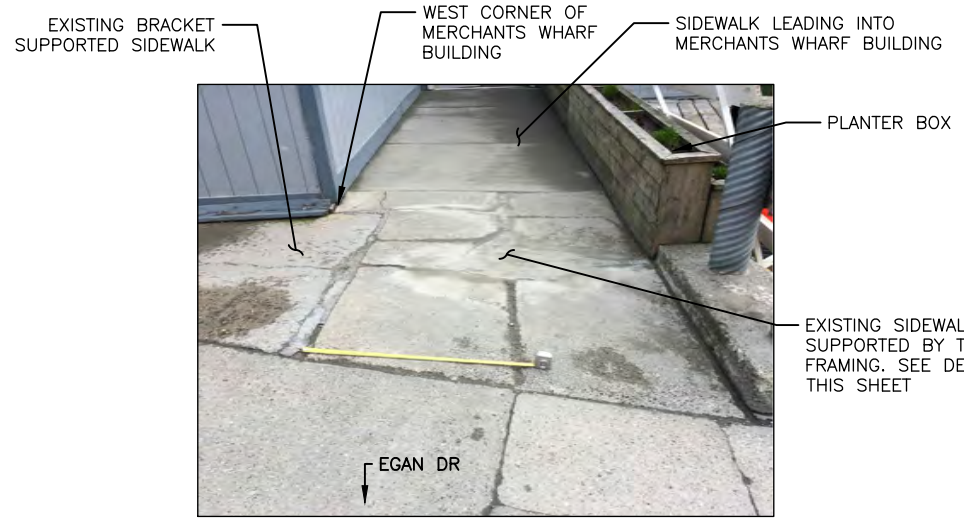


1 SIDEWALK SUPPORT BRACKET - TYPE 2  
E10 SCALE: NOT TO SCALE

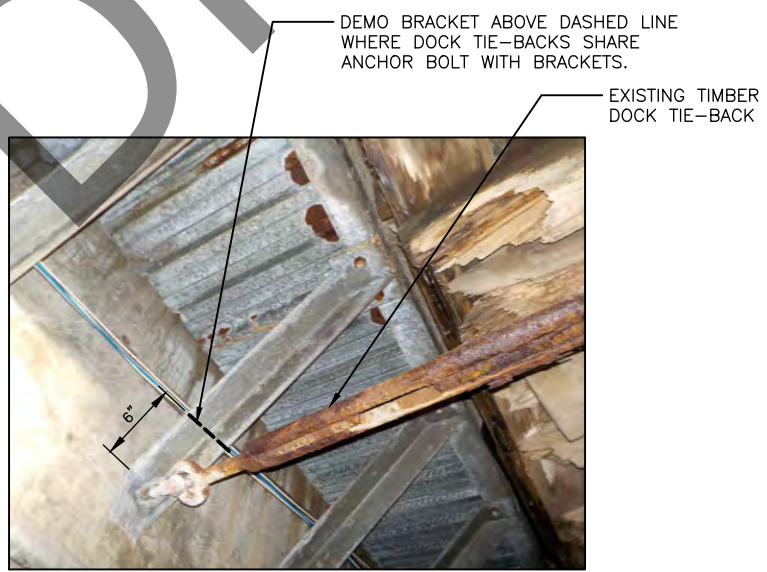


4 WEST END DEMOLITION DETAILS - PLAN  
E10 SCALE: NOT TO SCALE

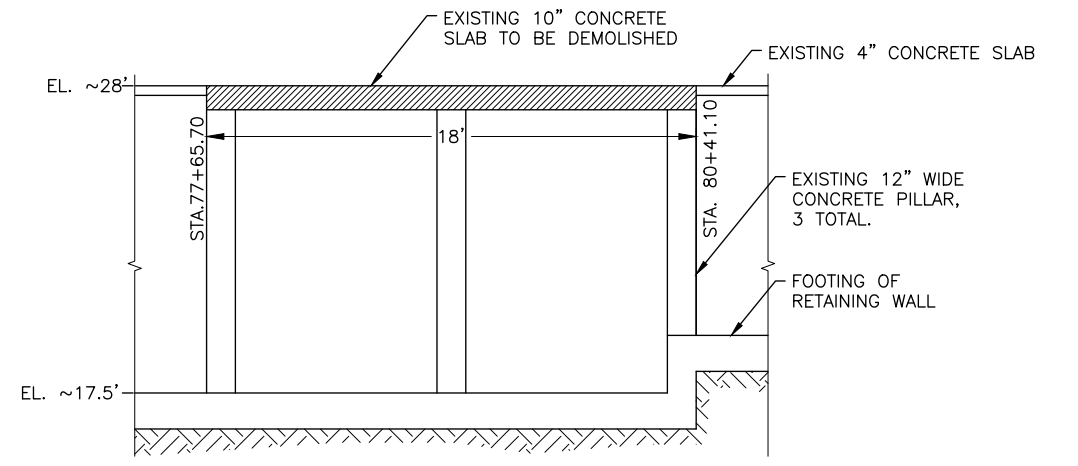
AREA TO BE DEMOLISHED



2 PHOTO: EXISTING SIDEWALK AT WEST END OF MERCHANTS WHARF BUILDING  
E10 SCALE: NOT TO SCALE



3 PHOTO: DEMO DETAIL AT TIMBER DOCK TIE-BACK LOCATIONS  
E10 SCALE: NOT TO SCALE



5 10" SLAB DEMOLITION DETAILS - ELEVATION  
E10 SCALE: NOT TO SCALE



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MAIN ST. TO 10TH ST

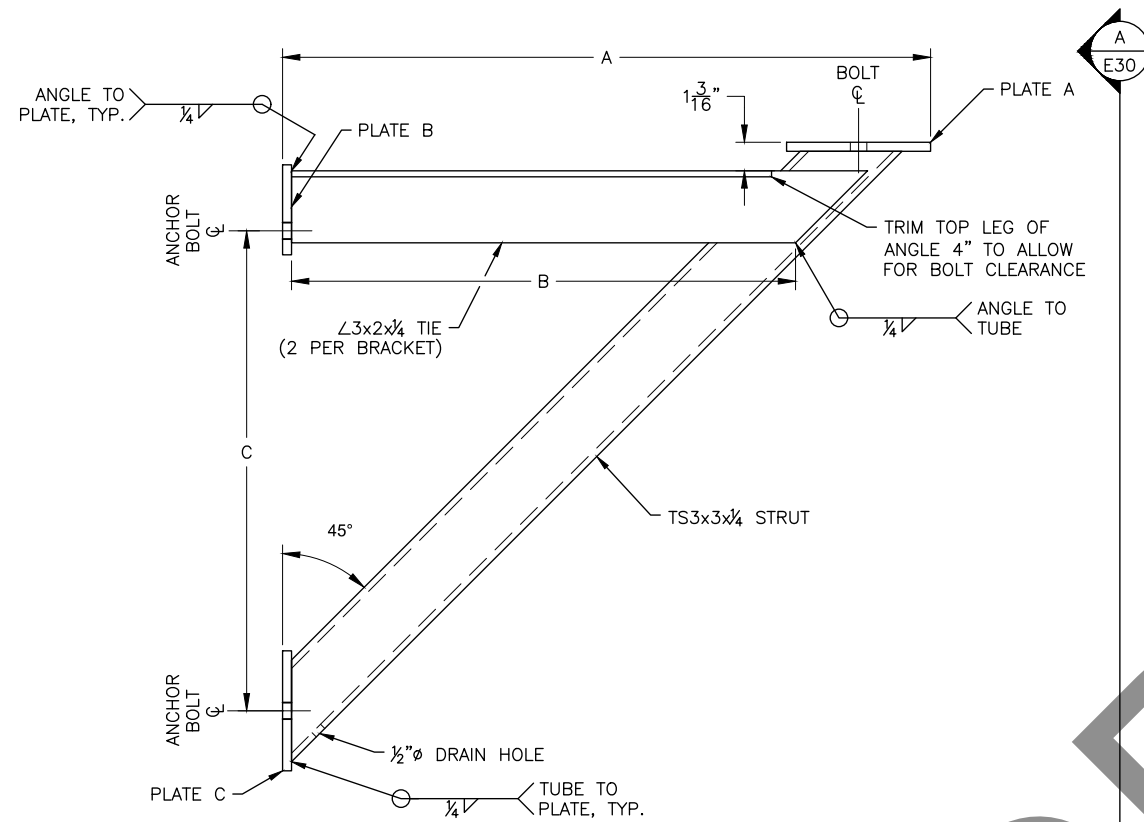
SIDEWALK SUPPORT DETAILS

DRAFT

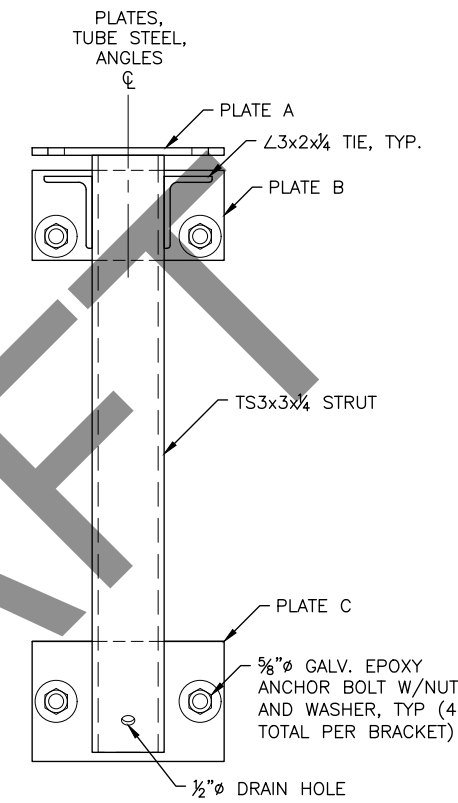
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NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	NH-0932(047)/69393	2017	E11	E30

FILE Q:\nu\69393\Plmnet\69393\_E9-E11\_(brackets details).dwg  
 DATE 5/22/2017 13:56 LAYOUT E11  
 DESIGNED NG,DP  
 CHECKED CT  
 DRAFTED NG,RG



**1 STEEL SUPPORT BRACKET – SIDE ELEVATION**  
 SCALE: NOT TO SCALE

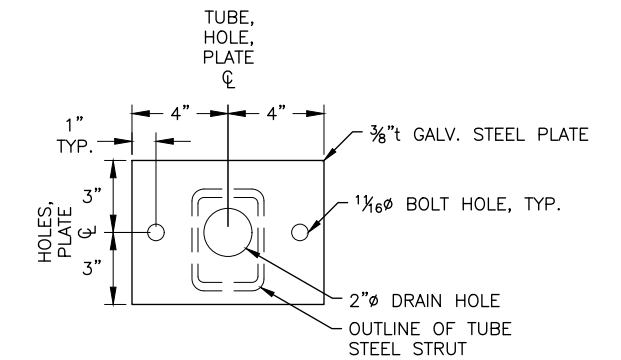


**A STEEL SUPPORT BRACKET– FRONT ELEVATION**  
 SCALE: NOT TO SCALE

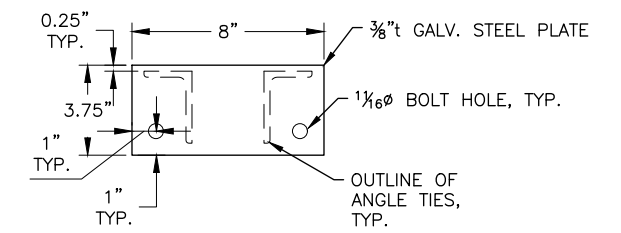
BRACKET	A	B	C	QTY
TYPE 1	2'-3"	1'-9"	1'-8"	*97
TYPE 2	*3'-8"	*3'-2"	*3'-1"	2

\* CONTRACTOR TO VERIFY PRIOR TO FABRICATION

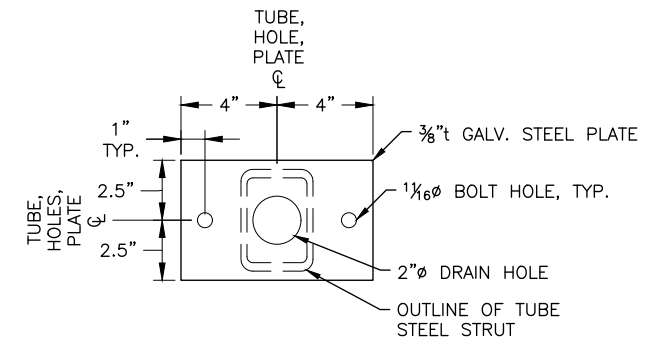
NOTE: ALL STEEL COMPONENTS & HARDWARE SHALL BE HOT-DIPPED GALVANIZED.



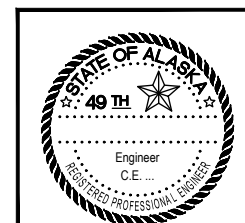
**2 PLATE A**  
 SCALE: NOT TO SCALE



**3 PLATE B**  
 SCALE: NOT TO SCALE



**4 PLATE C**  
 SCALE: NOT TO SCALE



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**EGAN DR IMPROVEMENTS,  
 MAIN ST. TO 10TH ST**

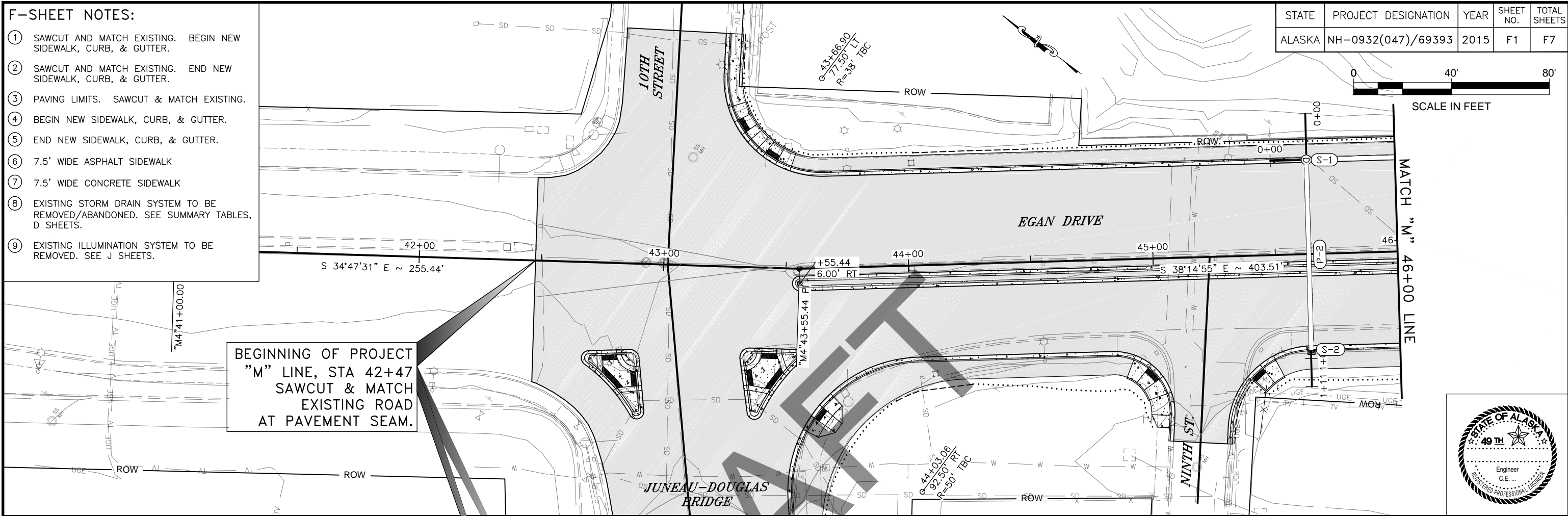
**SIDEWALK SUPPORT DETAILS**

FIRM STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES  
 FILE Q:\nu\69393\Plmset\69393\_F1-F7\_Pln-Pro (M4) W Super.dwg  
 ADDRESS 6860 GLACIER HWY, JUNEAU, AK 99811  
 PHONE (907) 465-1763  
 DESIGNED NG,DP  
 CHECKED CT  
 DRAFTED IN,GRG  
 CERTIFICATE OF AUTH #:  
 DATE 7/7/2017 9:01 LAYOUT F1

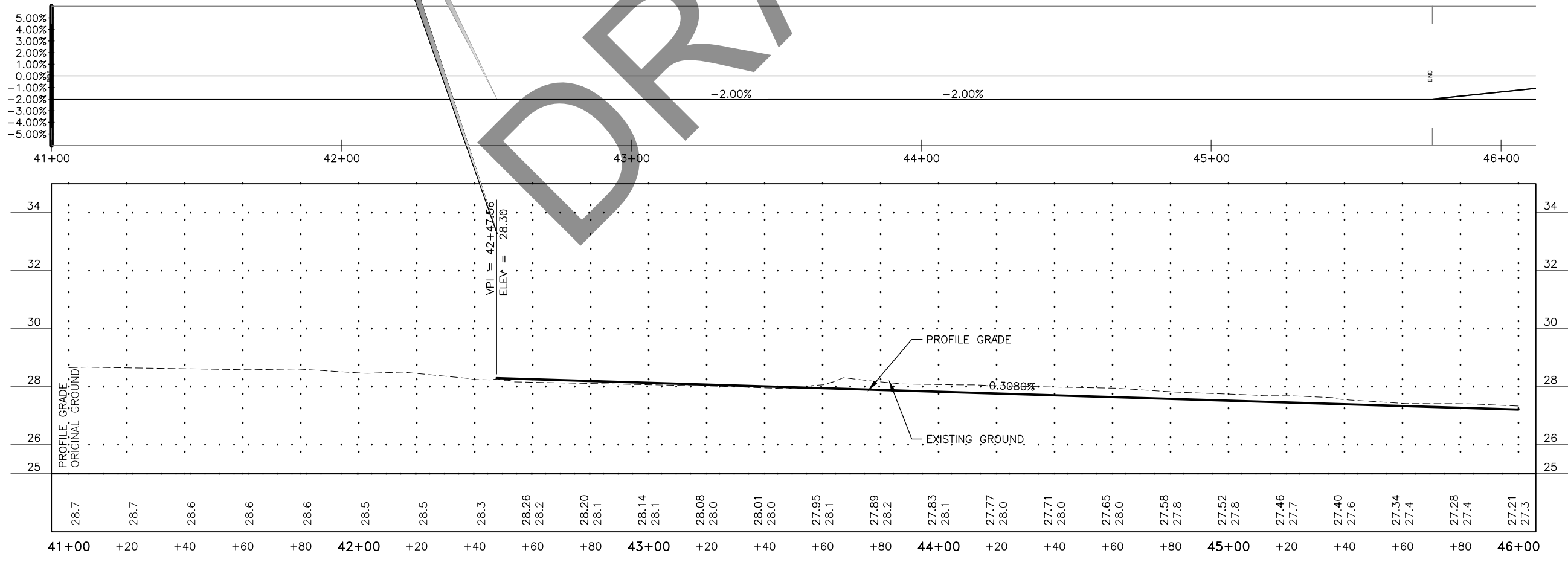
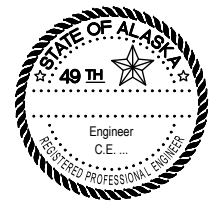
**F-SHEET NOTES:**

- ① SAWCUT AND MATCH EXISTING. BEGIN NEW SIDEWALK, CURB, & GUTTER.
- ② SAWCUT AND MATCH EXISTING. END NEW SIDEWALK, CURB, & GUTTER.
- ③ PAVING LIMITS. SAWCUT & MATCH EXISTING.
- ④ BEGIN NEW SIDEWALK, CURB, & GUTTER.
- ⑤ END NEW SIDEWALK, CURB, & GUTTER.
- ⑥ 7.5' WIDE ASPHALT SIDEWALK
- ⑦ 7.5' WIDE CONCRETE SIDEWALK
- ⑧ EXISTING STORM DRAIN SYSTEM TO BE REMOVED/ABANDONED. SEE SUMMARY TABLES, D SHEETS.
- ⑨ EXISTING ILLUMINATION SYSTEM TO BE REMOVED. SEE J SHEETS.

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	NH-0932(047)/69393	2015	F1	F7



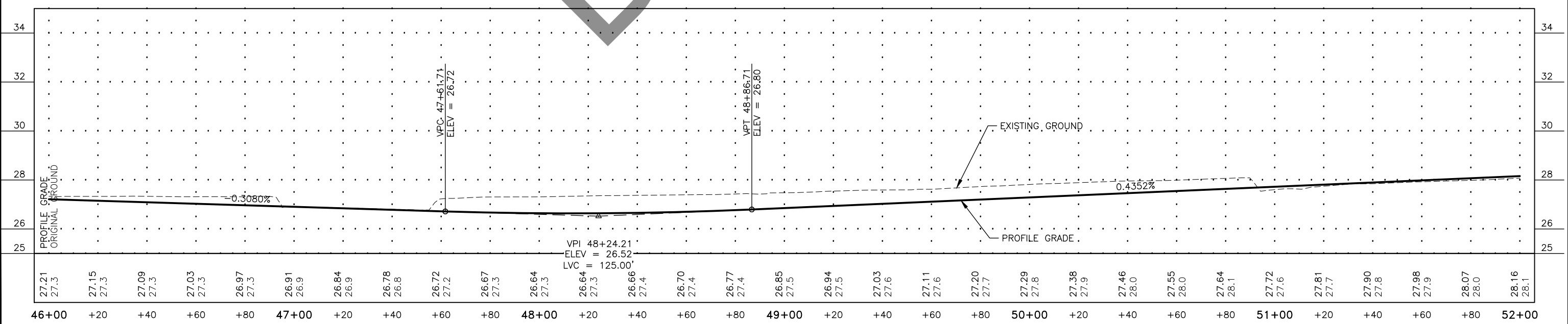
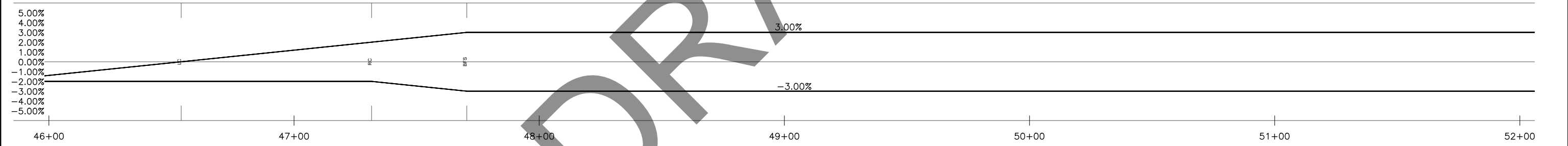
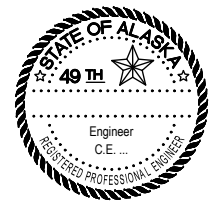
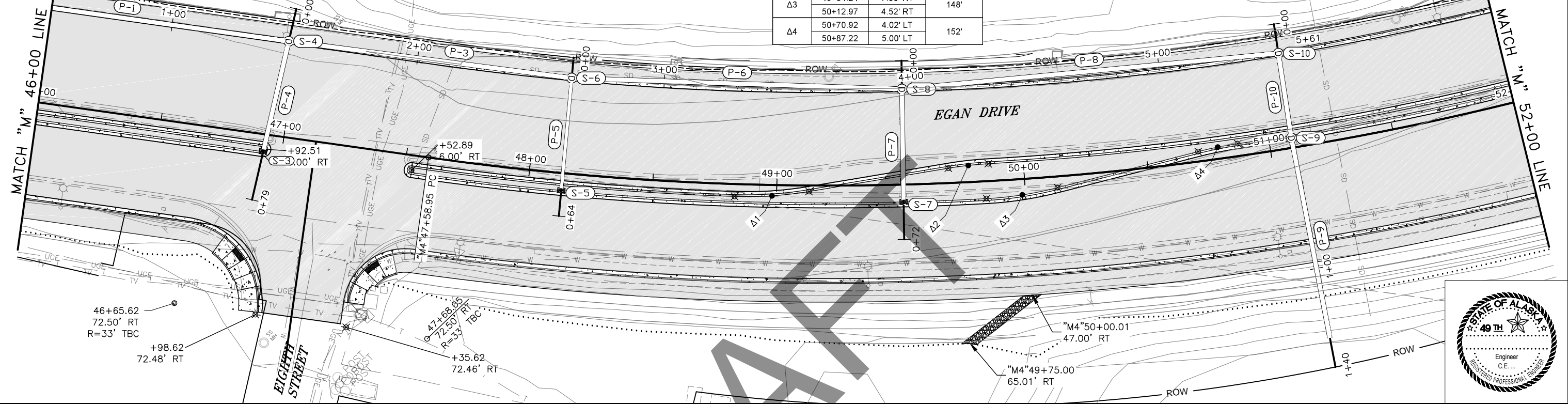
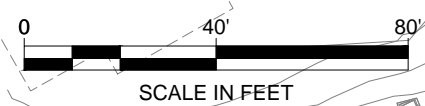
BEGINNING OF PROJECT "M" LINE, STA 42+47 SAWCUT & MATCH EXISTING ROAD AT PAVEMENT SEAM.





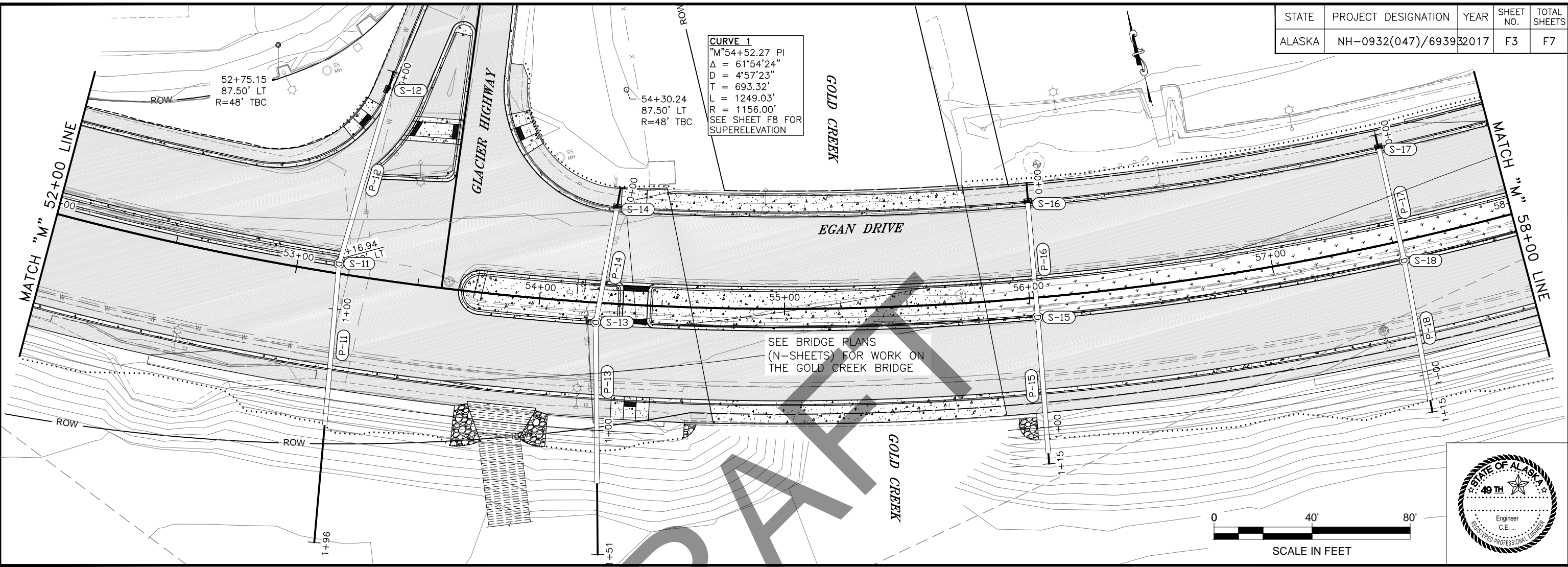
STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	NH-0932(047)/69393	2015	F2	F7

Curve	PC/PT		Radius
	Station	Offset	
Δ1	48+83.12	5.00' RT	152'
	49+13.00	2.41' RT	
Δ2	49+69.47	6.00' LT	148'
	49+85.73	7.00' LT	
Δ3	49+84.24	7.00' RT	148'
	50+12.97	4.52' RT	
Δ4	50+70.92	4.02' LT	152'
	50+87.22	5.00' LT	

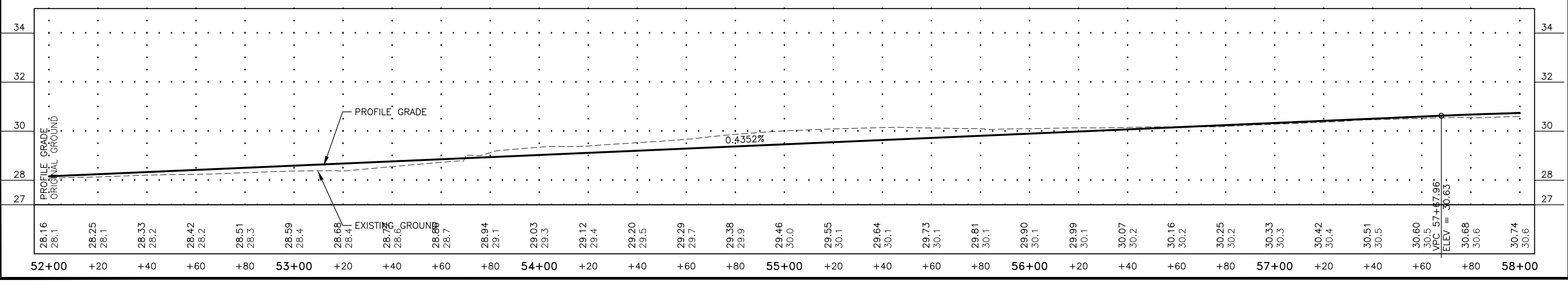
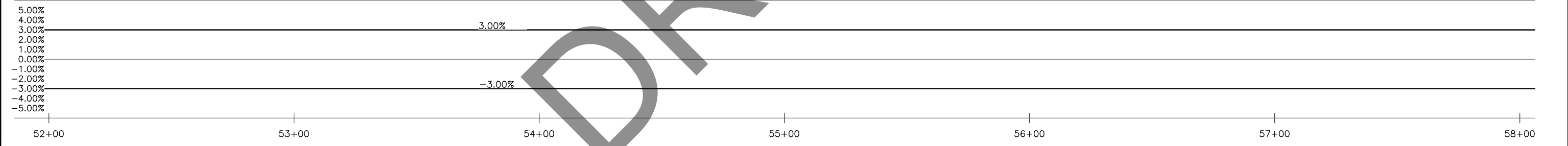


STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	NH-0932(047)/6939	2017	F3	F7

**CURVE 1**  
 "M"54+52.27 PI  
 $\Delta = 61^{\circ}54'24"$   
 $D = 4^{\circ}57'23"$   
 $T = 693.32'$   
 $L = 1249.03'$   
 $R = 1156.00'$   
 SEE SHEET F8 FOR SUPERELEVATION



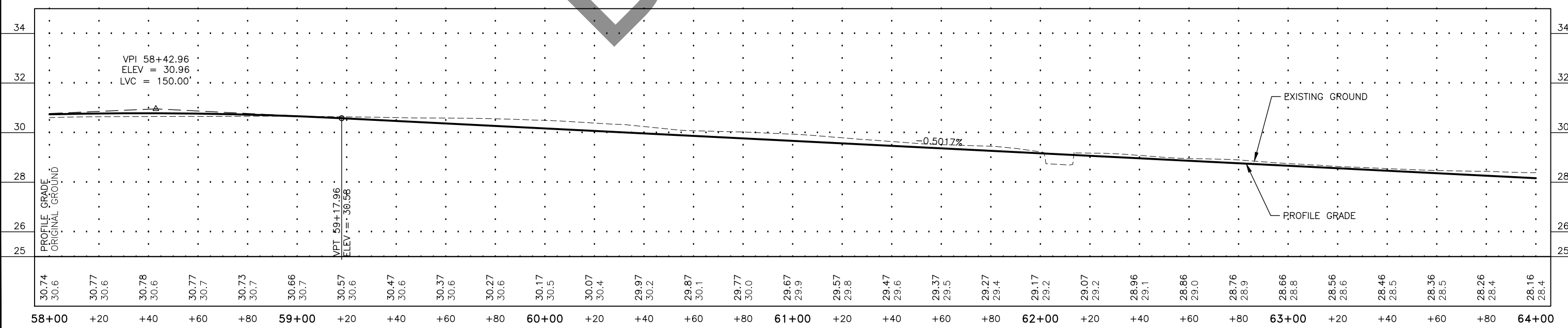
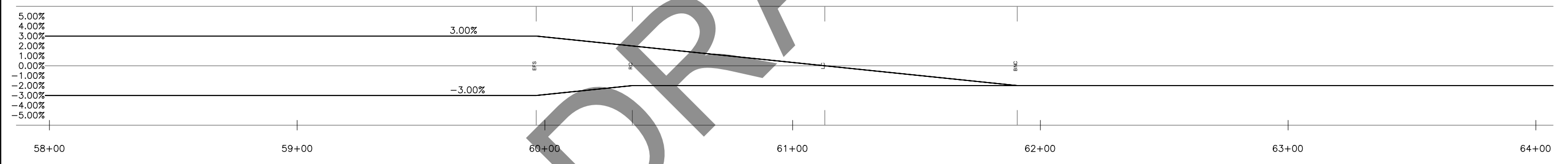
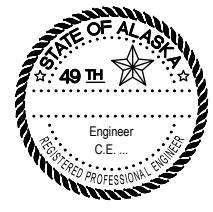
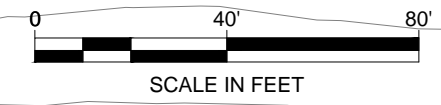
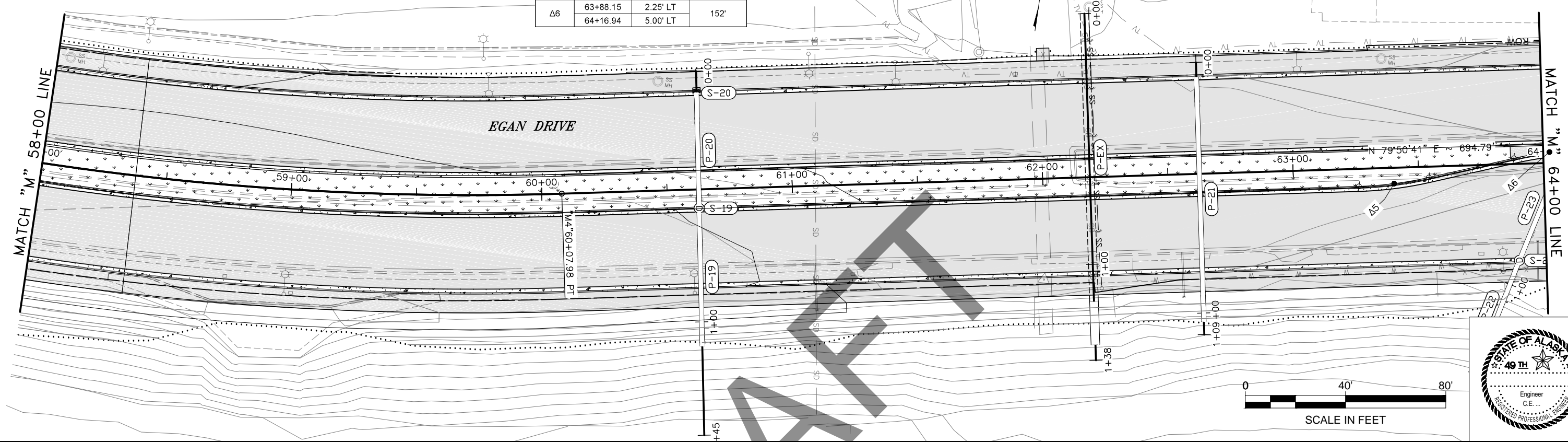
SEE BRIDGE PLANS (N-SHEETS) FOR WORK ON THE GOLD CREEK BRIDGE



FILE: G:\nu\69393\Plmset\69393\_F1-F7\_Plin-Pro (M4) W Super.dwg DATE: 7/7/2017 9:01 LAYOUT: F3 DESIGNED: NG,DP CHECKED: CT DRAFTED: NG,RG

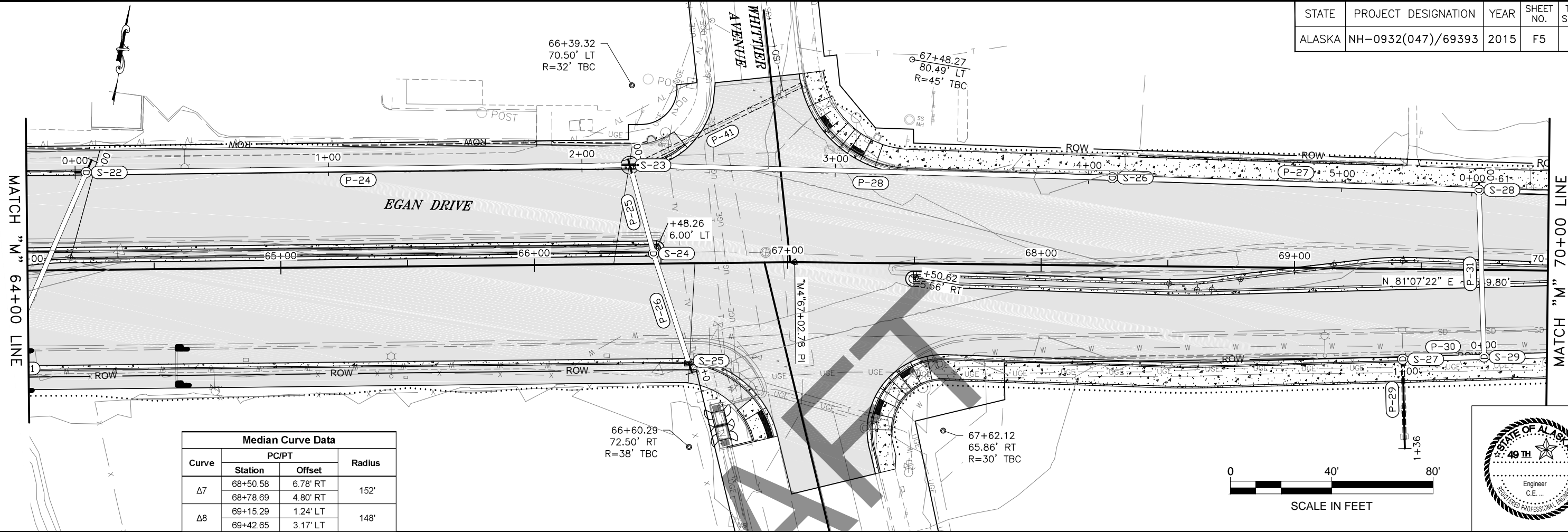
STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	NH-0932(047)/69393	2015	F4	F7

Curve	PC/PT		Radius
	Station	Offset	
Δ5	63+26.05	7.00' RT	148'
	63+54.07	4.32' RT	
Δ6	63+88.15	2.25' LT	152'
	64+16.94	5.00' LT	

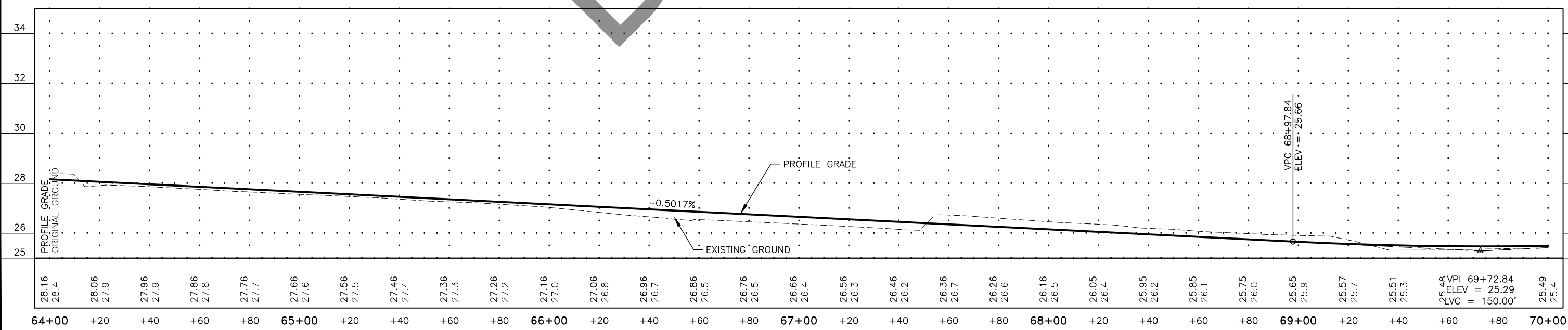
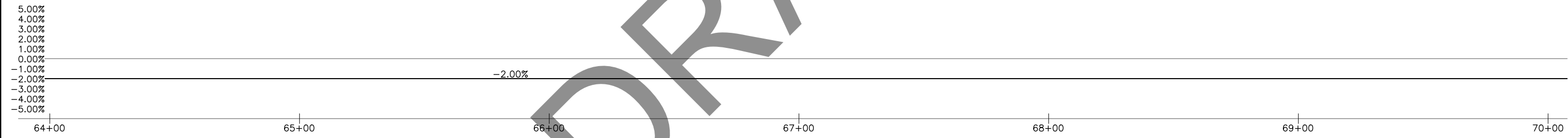
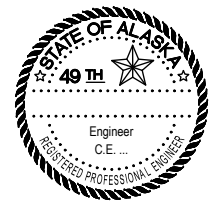
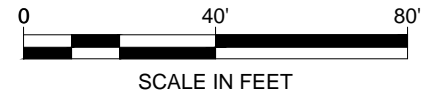


STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	NH-0932(047)/69393	2015	F5	F7

FIRM STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES  
 FILE Q:\nu\69393\Plan\69393\_F1-F7\_Plan-Pro (M4) W Super.dwg  
 ADDRESS 6860 GLACIER HWY, JUNEAU, AK 99811  
 PHONE (907) 465-1763  
 DESIGNED NG,DP  
 CHECKED CT  
 DRAFTED NG,RG  
 CERTIFICATE OF AUTH #:  
 DATE 7/7/2017 9:01 LAYOUT F5

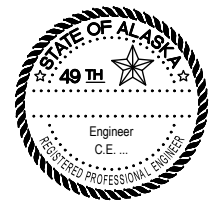
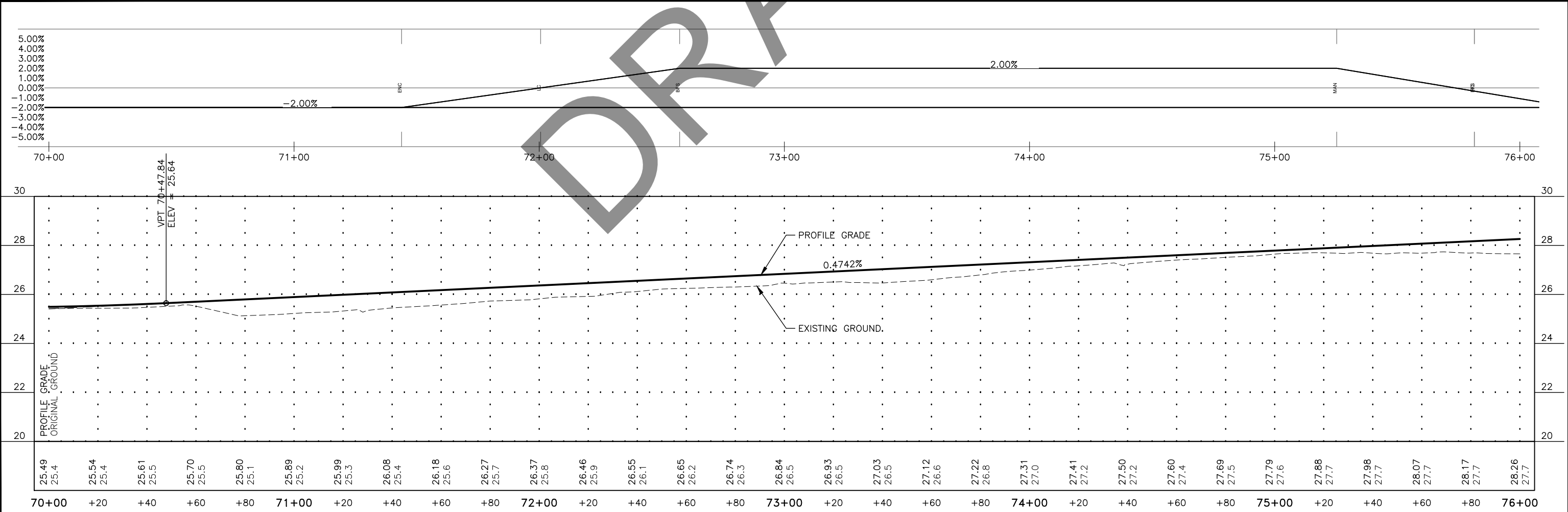
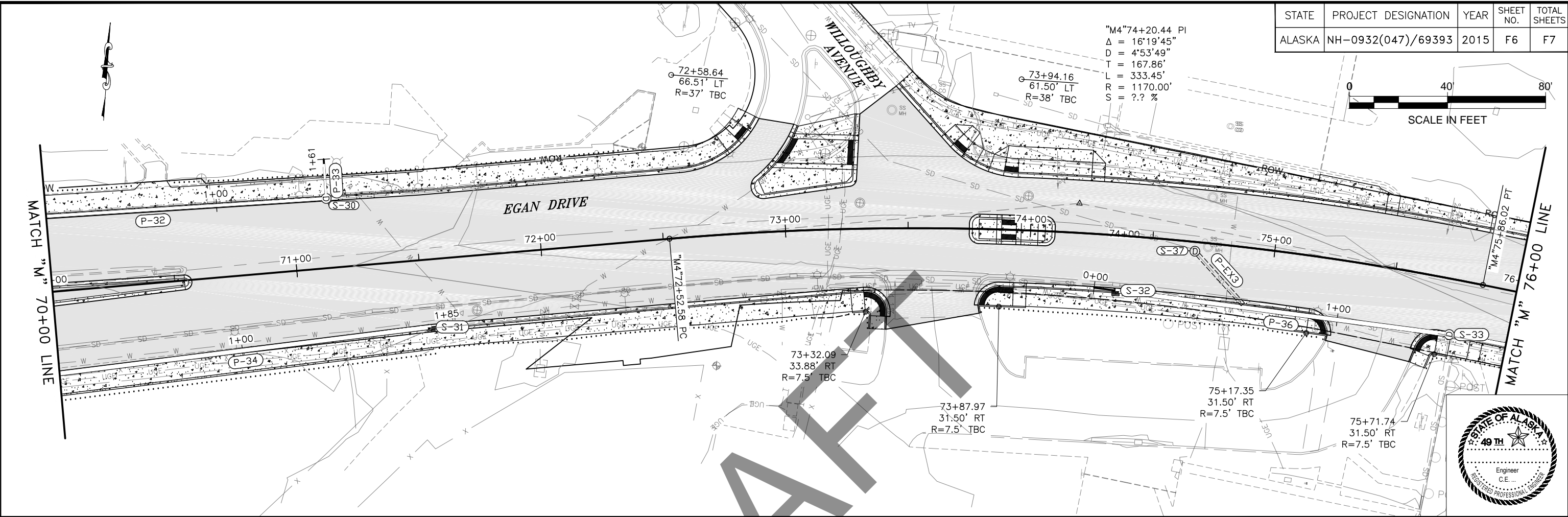


Median Curve Data			
Curve	PC/PT		Radius
	Station	Offset	
Δ7	68+50.58	6.78' RT	152'
	68+78.69	4.80' RT	
Δ8	69+15.29	1.24' LT	148'
	69+42.65	3.17' LT	
Δ9	68+61.58	9.03' RT	98'
	68+67.41	8.98' RT	



FIRM STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES  
 FILE Q:\nu\69393\Plan\69393\_F1-F7\_Plan-Pro (M4) W Super.dwg  
 ADDRESS 6860 GLACIER HWY, JUNEAU, AK 99811  
 PHONE (907) 465-1763  
 DESIGNED NG,DP  
 CHECKED CT  
 DRAFTED IN,RG  
 DATE 7/7/2017 9:01 LAYOUT F6

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	NH-0932(047)/69393	2015	F6	F7

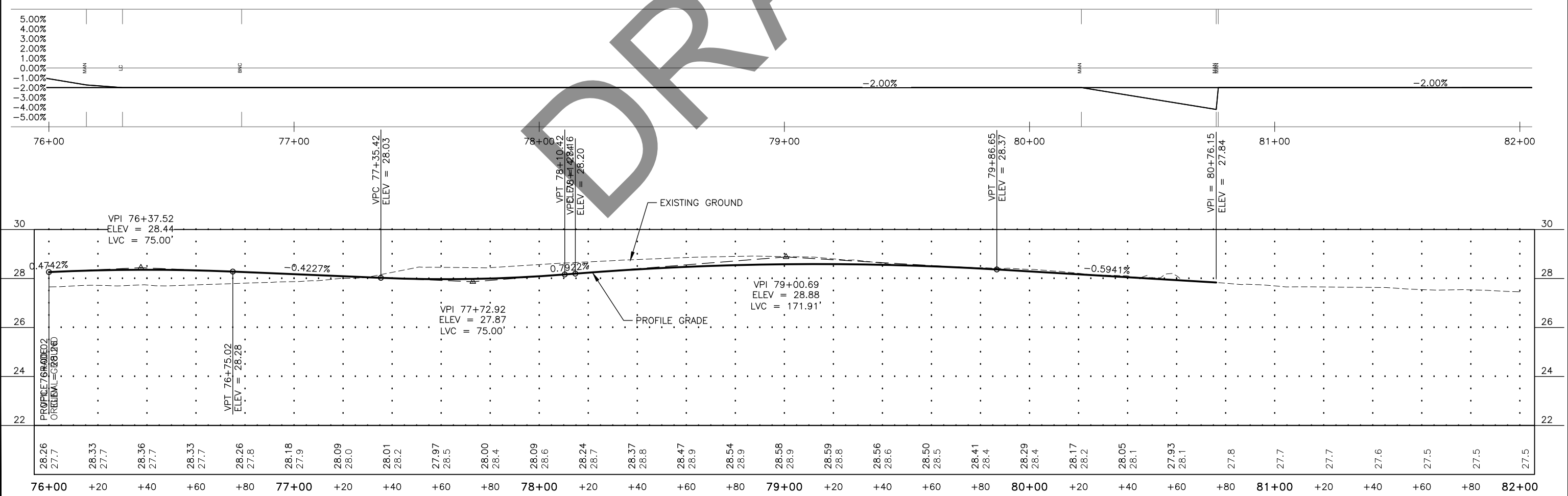
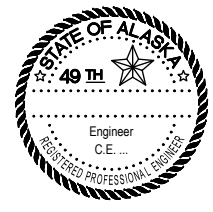
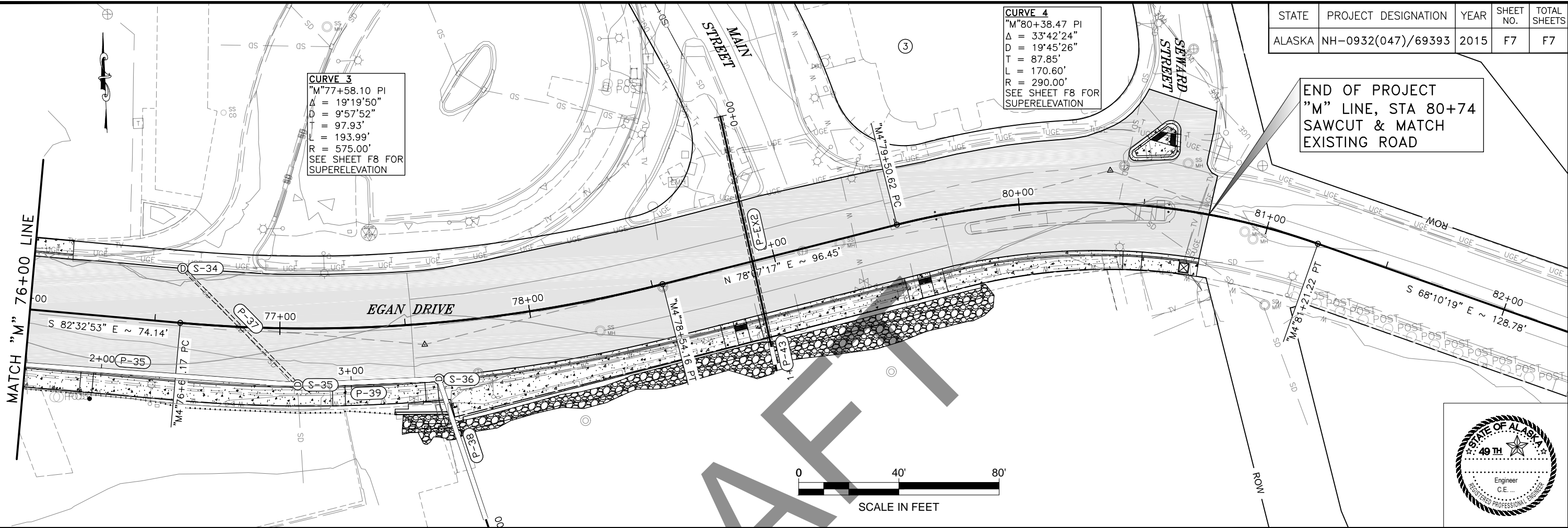


STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	NH-0932(047)/69393	2015	F7	F7

**CURVE 4**  
 "M"80+38.47 PI  
 $\Delta = 33^{\circ}42'24"$   
 $D = 19^{\circ}45'26"$   
 $T = 87.85'$   
 $L = 170.60'$   
 $R = 290.00'$   
 SEE SHEET F8 FOR SUPERELEVATION

**CURVE 3**  
 "M"77+58.10 PI  
 $\Delta = 19^{\circ}19'50"$   
 $D = 9^{\circ}57'52"$   
 $T = 97.93'$   
 $L = 193.99'$   
 $R = 575.00'$   
 SEE SHEET F8 FOR SUPERELEVATION

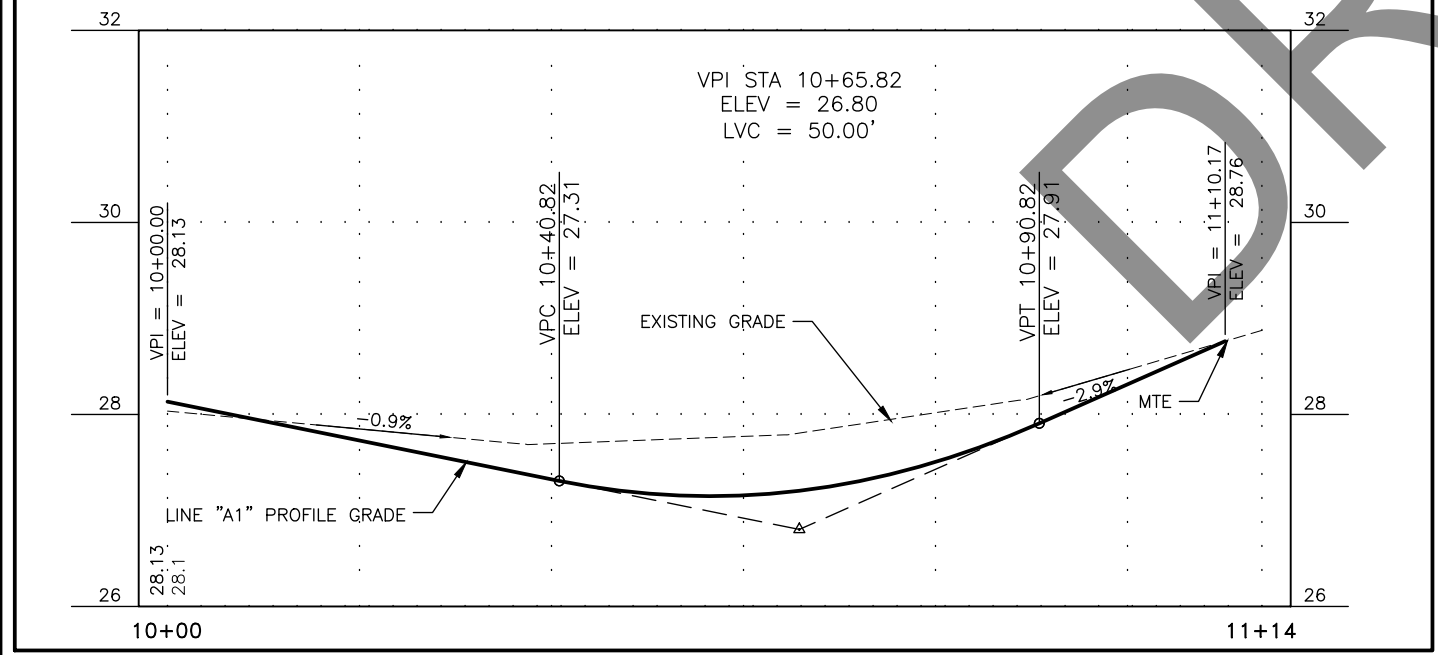
END OF PROJECT  
 "M" LINE, STA 80+74  
 SAWCUT & MATCH  
 EXISTING ROAD



FILE G:\nu\69393\Plmset\69393\_G1-G15\_Intersection.s.dwg DATE 6/6/2017 10:48 LAYOUT G1 DESIGNED NG,DP CHECKED CT DRAFTED NG,RC

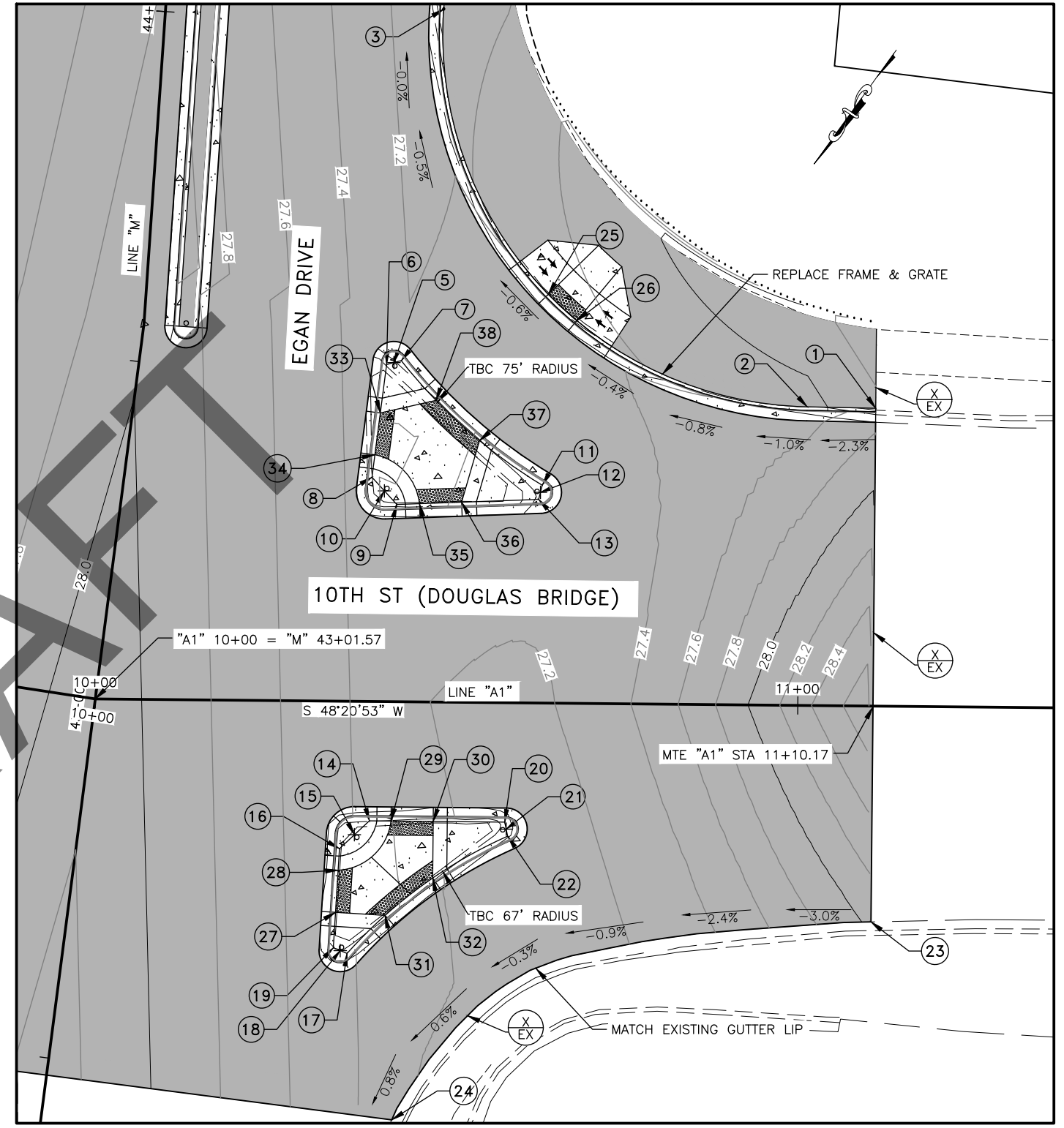
NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	NH-0932(047)/69393	2017	G1	G15

NO.	STATION	OFFSET	ELEVATION	DESCRIPTION
1	43+50.87	105.01' RT	28.15'	MTE TBC
2	43+52.29	95.21' RT	27.93'	PC TBC (BEGIN 53' RADIUS)
3	44+03.06	39.50' RT	27.46'	PT TBC (END 53' RADIUS)
5	43+54.53	36.00' RT	27.76'	1.5' FOC RP
6	43+54.12	35.00' RT	27.77'	TBC
7	43+54.95	37.00' RT	27.73'	TBC
8	43+37.94	35.00' RT	27.82'	TBC
9	43+34.55	39.00' RT	27.76'	TBC
10	43+36.25	37.00' RT	27.79'	2.5' FOC RP
11	43+39.93	59.19' RT	27.83'	TBC
12	43+38.90	59.06' RT	27.83'	1.5' FOC RP
13	43+37.86	58.93' RT	27.82'	TBC
14	42+89.38	40.92' RT	27.85'	TBC
15	42+87.15	39.06' RT	27.90'	2.5' FOC RP
16	42+84.90	37.21' RT	27.94'	TBC
17	42+70.24	40.20' RT	27.93'	TBC
18	42+70.52	39.18' RT	27.95'	1.5' FOC RP
19	42+70.79	38.16' RT	27.96'	TBC
20	42+91.68	60.05' RT	27.65'	TBC
21	42+90.71	60.38' RT	27.64'	1.5' FOC RP
22	42+89.74	60.72' RT	27.64'	TBC
23	42+84.28	113.58' RT	28.04'	MTE EOP
24	42+47.56	49.56' RT	27.26'	MTE EOP
25	43+63.58	57.14' RT	27.71'	BR TBC
26	43+60.12	61.43' RT	27.74'	BR TBC
27	42+75.84	37.82' RT	27.96'	BR TBC
28	42+81.82	37.42' RT	27.95'	BR TBC
29	42+89.74	43.99' RT	27.80'	BR TBC
30	42+90.46	49.94' RT	27.74'	BR TBC
31	42+76.31	44.86' RT	27.83'	BR TBC
32	42+82.46	50.91' RT	27.72'	BR TBC
33	43+47.17	35.00' RT	27.80'	BR TBC
34	43+41.17	35.00' RT	27.82'	BR TBC
35	43+35.08	42.19' RT	27.78'	BR TBC
36	43+36.06	48.11' RT	27.81'	BR TBC
37	43+45.08	49.51' RT	27.81'	BR TBC
38	43+49.97	42.63' RT	27.76'	BR TBC

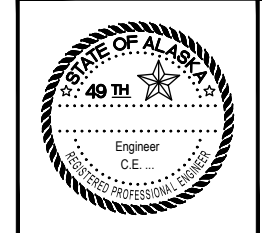


**LAYOUT POINT DESCRIPTIONS**

- TBC = TOP BACK OF CURB
- MTE = MATCH TO EXISTING
- RP = RADIUS POINT
- EOP = EDGE OF PAVEMENT
- FOC = FACE OF CURB
- BR = BOTTOM OF RAMP
- PC = POINT OF CURVATURE
- PT = POINT OF TANGENCY



- NOTES:**
- CURB AND GUTTER LAYOUT POINT ELEVATIONS ARE TO TOP BACK OF STANDARD CURB AND GUTTER DIMENSIONS, STD. DWG. I-20.14. TOP BACK OF CURB ELEVATIONS SHALL BE ADJUSTED TO CONSTRUCT CURB RAMPS AND LANDINGS.



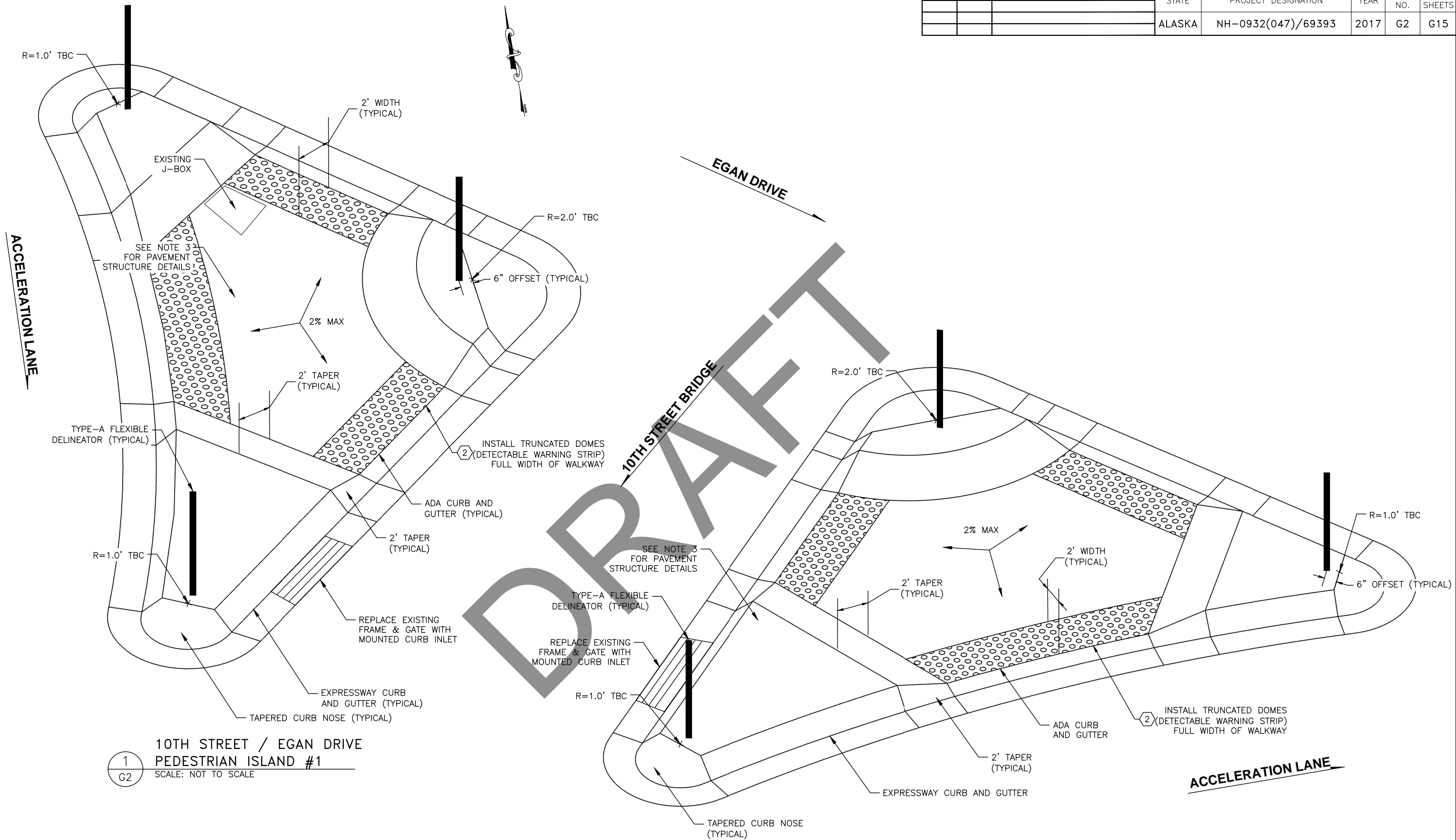
STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
AND PUBLIC FACILITIES

**EGAN DR IMPROVEMENTS,  
MAIN ST. TO 10TH ST**

INTERSECTIONS

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	NH-0932(047)/69393	2017	G2	G15

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 DATE 6/6/2017 10:48 LAYOUT G2 DESIGNED NG,DP CHECKED CT DRAFTED NG,RC

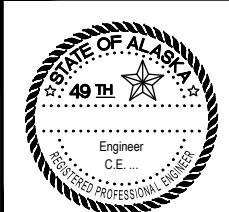


1  
 G2  
 10TH STREET / EGAN DRIVE  
 PEDESTRIAN ISLAND #1  
 SCALE: NOT TO SCALE

2  
 G2  
 10TH STREET / EGAN DRIVE  
 PEDESTRIAN ISLAND #2  
 SCALE: NOT TO SCALE

**PEDESTRIAN ISLAND NOTES:**

1. CROWN ISLAND AT CENTER OF SIDEWALK SO DRAINAGE IS OUTWARD, OFF ISLAND.
2. SEE STANDARD DRAWING, I-21.10
3. USE PAVEMENT STRUCTURE 2 (SHEET B1).

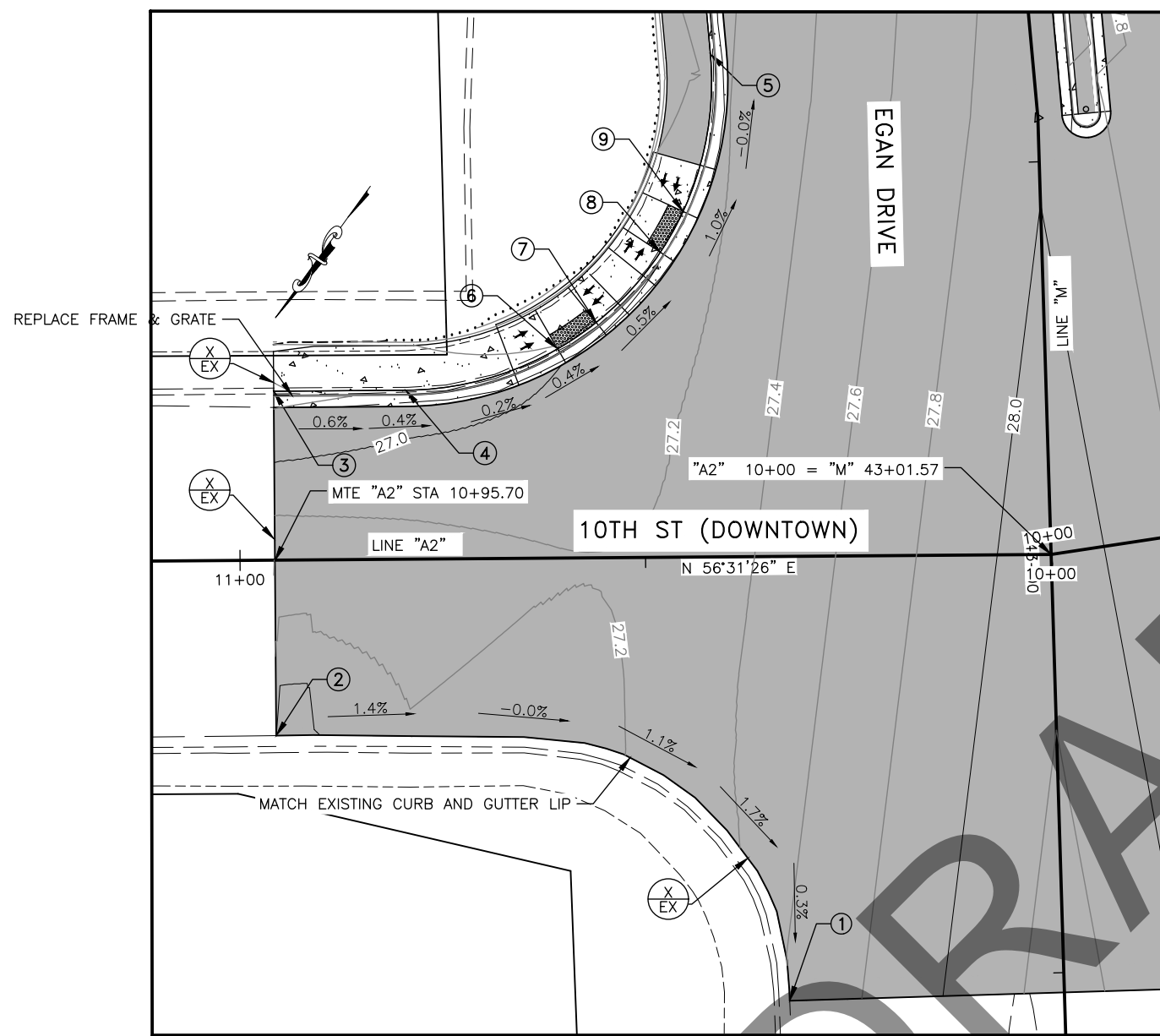


STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 AND PUBLIC FACILITIES  
**EGAN DR IMPROVEMENTS,  
 MAIN ST. TO 10TH ST**  
 INTERSECTIONS



FILE G:\nu\69393\Plmset\69393\_G1-G15\_intersections.dwg DATE 6/6/2017 10:48 LAYOUT G3 DESIGNED NG,DP CHECKED CT DRAFTED NG,RC

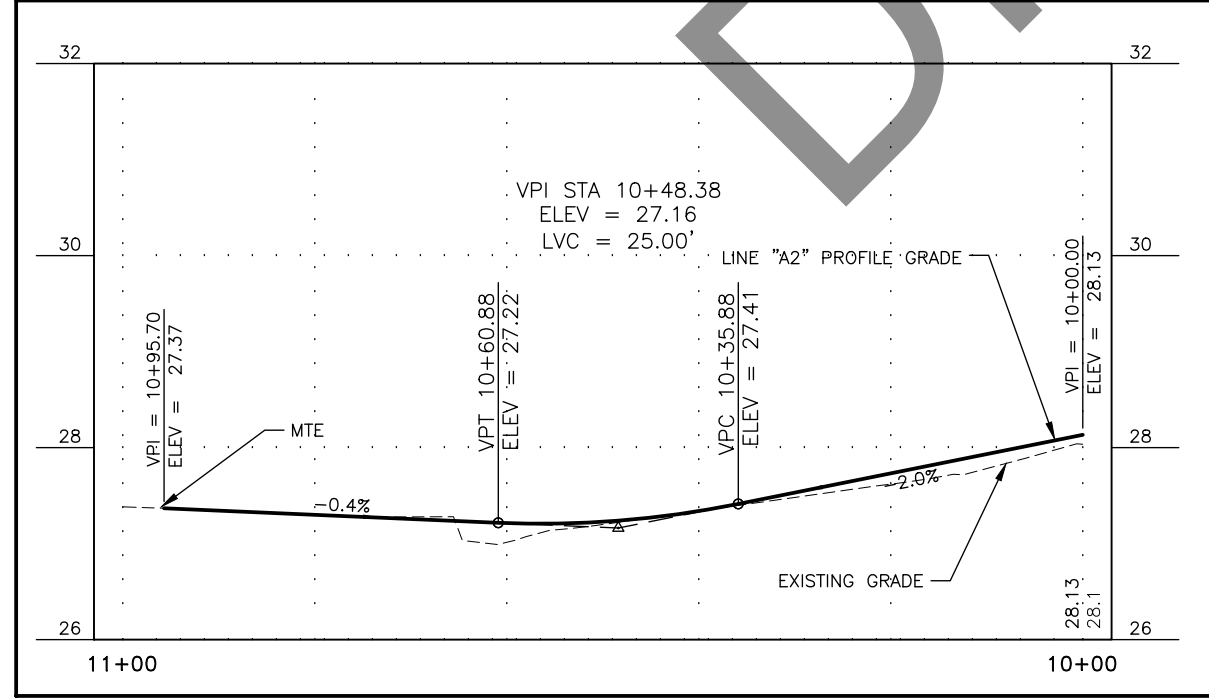
NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	NH-0932(047)/69393	2017	G3	G15



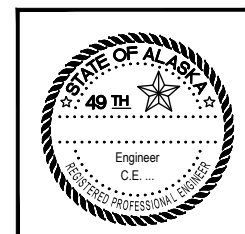
NO.	STATION	OFFSET	ELEVATION	DESCRIPTION
1	42+47.56	33.88' LT	27.62'	MTE EOP
2	42+82.15	96.15' LT	27.00'	MTE EOP
3	43+24.59	95.19' LT	27.18'	MTE TBC
4	43+24.21	78.92' LT	27.31'	PC TBC (BEGIN 38' RADIUS)
5	43+66.90	39.50' LT	27.57'	PT TBC (END 38' RADIUS)
6	43+28.74	60.04' LT	27.39'	BR TBC
7	43+31.55	55.19' LT	27.42'	BR TBC
8	43+40.26	47.02' LT	27.47'	BR TBC
9	43+45.20	44.06' LT	27.49'	BR TBC

**LAYOUT POINT DESCRIPTIONS**

TBC = TOP BACK OF CURB  
MTE = MATCH TO EXISTING  
RP = RADIUS POINT  
EOP = EDGE OF PAVEMENT  
FOC = FACE OF CURB  
BR = BOTTOM OF RAMP  
PC = POINT OF CURVATURE  
PT = POINT OF TANGENCY



- NOTES:**
- CURB AND GUTTER LAYOUT POINT ELEVATIONS ARE TO TOP BACK OF STANDARD CURB AND GUTTER DIMENSIONS, STD. DWG. 1-20.14. TOP BACK OF CURB ELEVATIONS SHALL BE ADJUSTED TO CONSTRUCT CURB RAMPS AND LANDINGS.

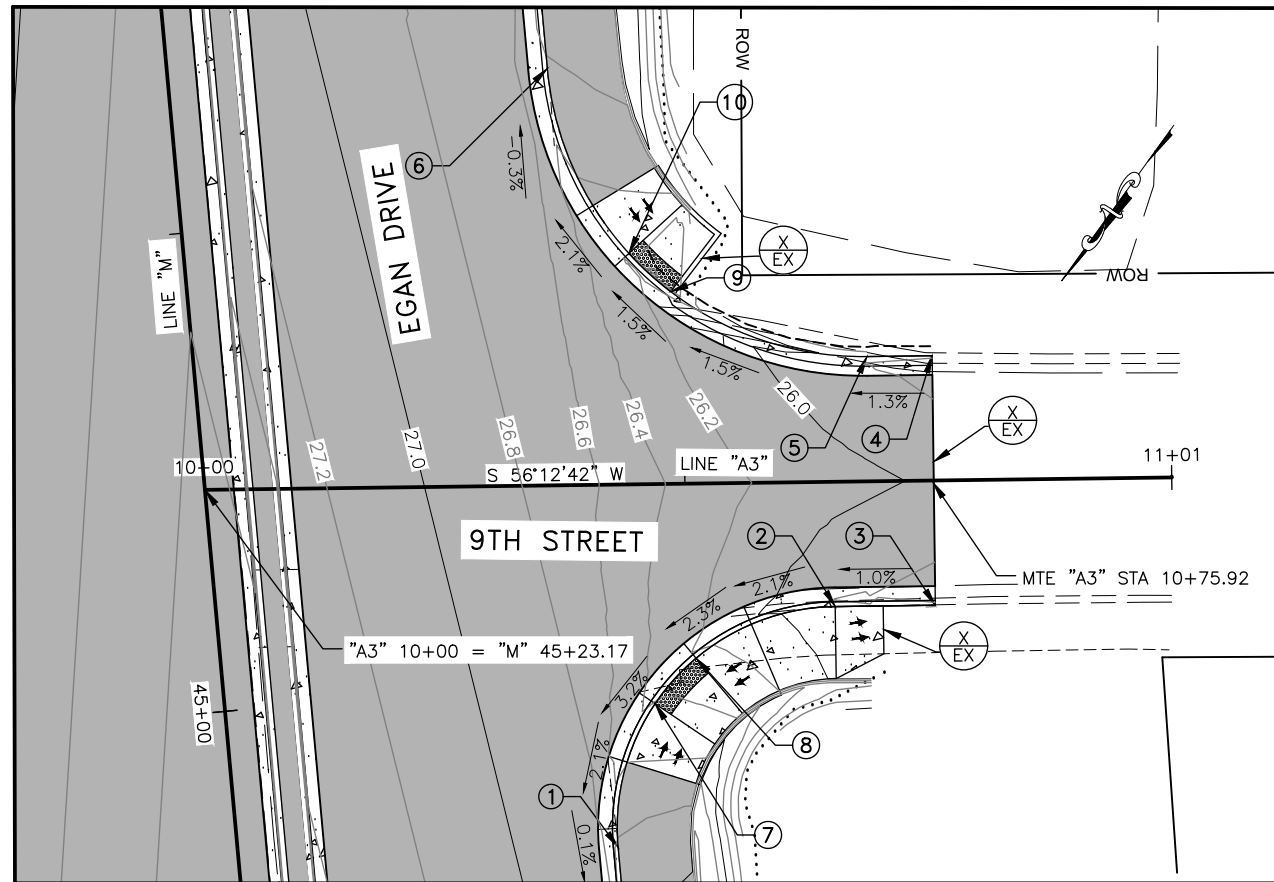


STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
AND PUBLIC FACILITIES

**EGAN DR IMPROVEMENTS,  
MAIN ST. TO 10TH ST**

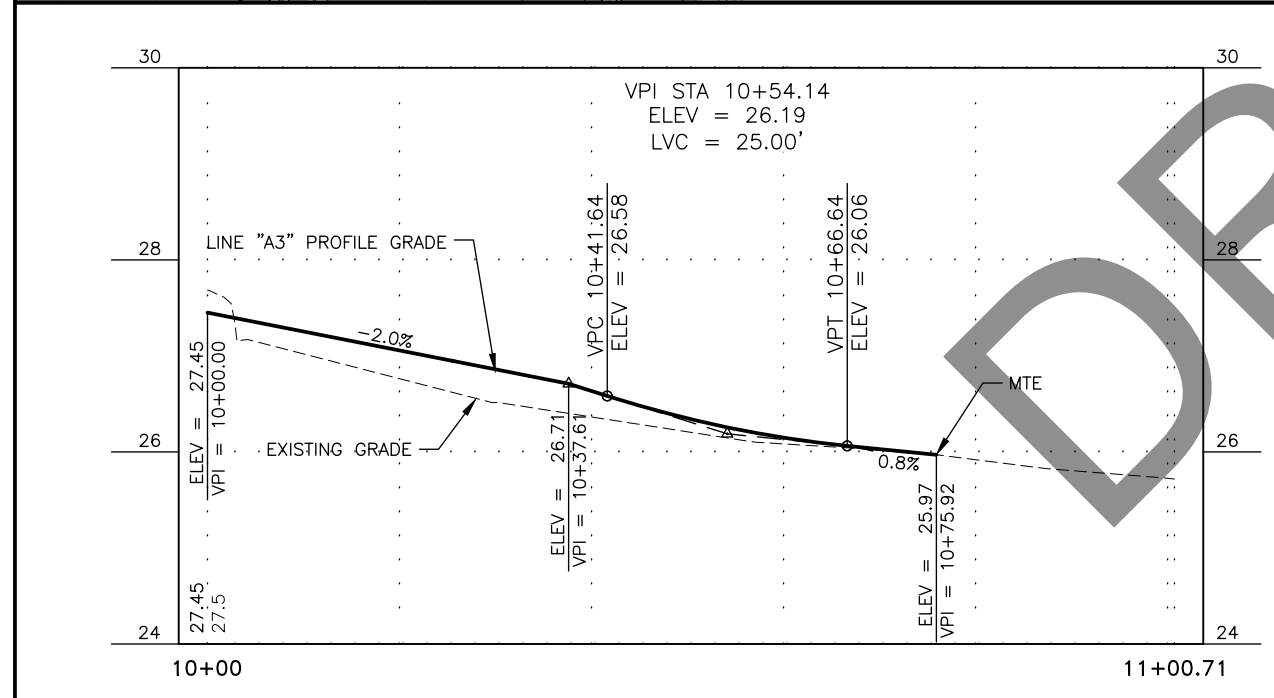
INTERSECTIONS

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	NH-0932(047)/69393	2017	G4	G15



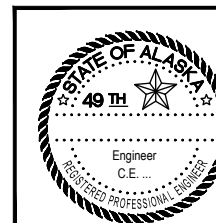
NO.	STATION	OFFSET	ELEVATION	DESCRIPTION
1	44+82.18	39.50' RT	27.22'	PC TBC (BEGIN 23' RADIUS)
2	45+05.11	64.29' RT	25.86'	PT TBC (END 23' RADIUS)
3	45+04.32	74.67' RT	25.83'	MTE TBC
4	45+30.23	76.69' RT	25.86'	MTE TBC
5	45+30.75	69.93' RT	25.95'	PC TBC (BEGIN 33' RADIUS)
6	45+63.65	39.50' RT	26.58'	PT TBC (END 33' RADIUS)
7	44+96.74	44.69' RT	26.41'	BR TBC
8	45+01.07	49.37' RT	26.26'	BR TBC
9	45+39.34	50.19' RT	26.25'	BR TBC
10	45+43.70	46.21' RT	26.26'	BR TBC

LAYOUT POINT DESCRIPTIONS  
 TBC = TOP BACK OF CURB  
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NOTES:

1. CURB AND GUTTER LAYOUT POINT ELEVATIONS ARE TO TOP BACK OF STANDARD CURB AND GUTTER DIMENSIONS, STD, DWG. 1-20.14. TOP BACK OF CURB ELEVATIONS SHALL BE ADJUSTED TO CONSTRUCT CURB RAMPS AND LANDINGS.

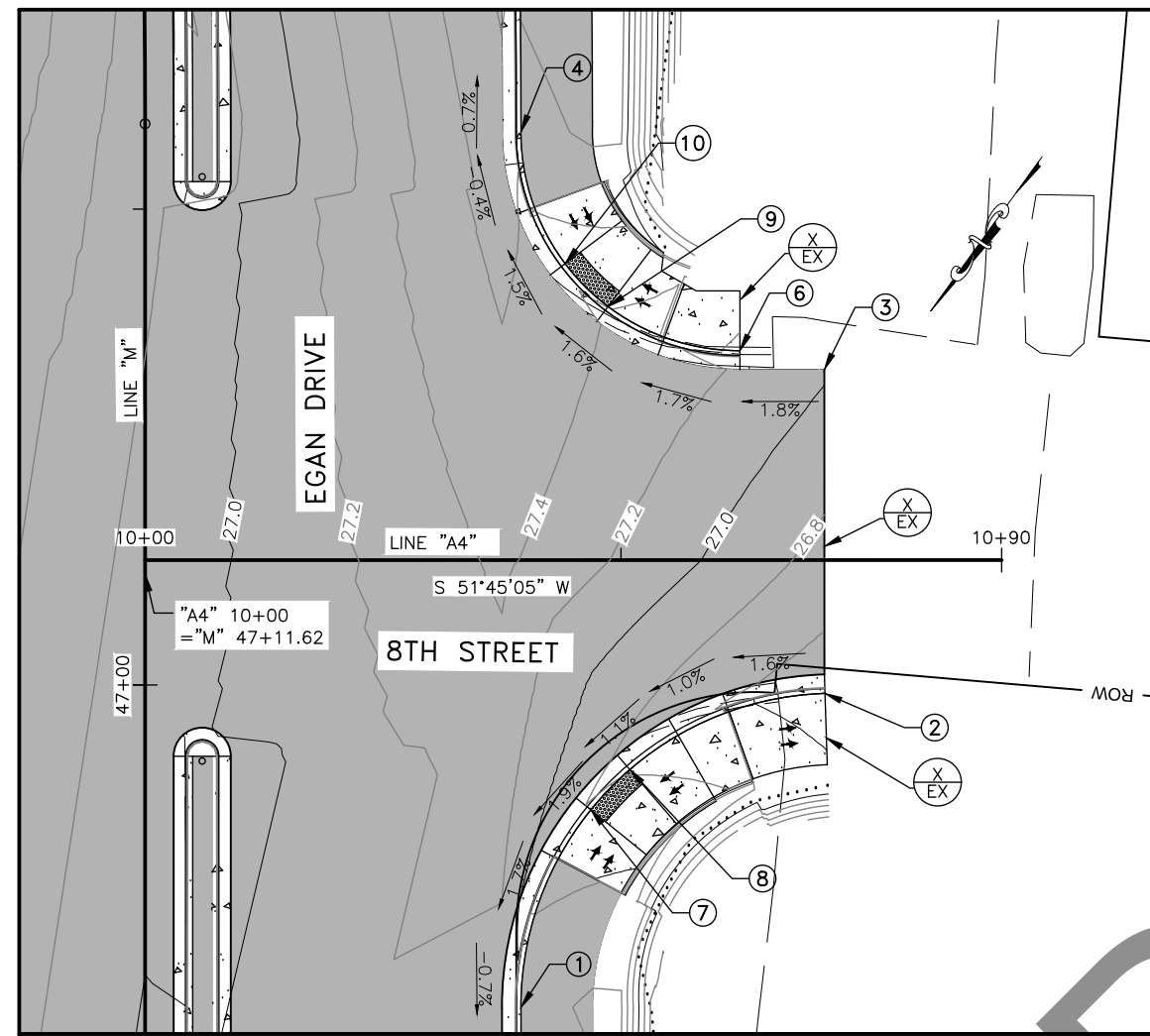


STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 AND PUBLIC FACILITIES  
**EGAN DR IMPROVEMENTS,  
 MAIN ST. TO 10TH ST**

INTERSECTIONS

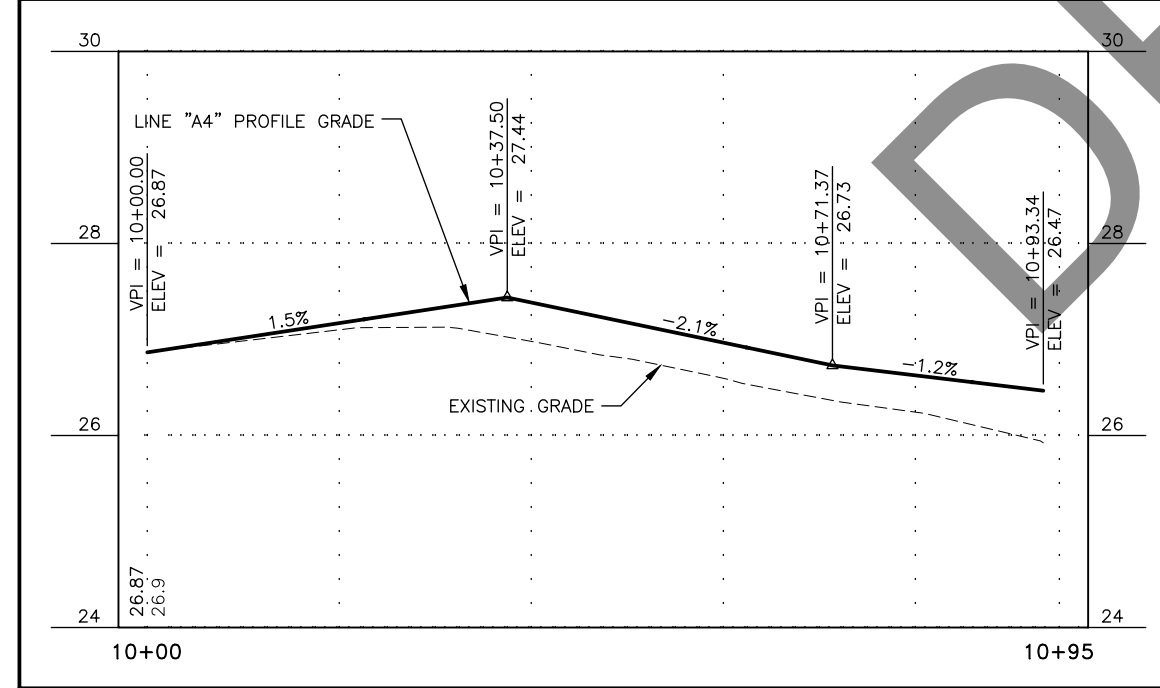
FILE Q:\nu\69393\Plan\69393\_G1-G15\_intersections.dwg DATE 6/6/2017 10:48 LAYOUT G5 DESIGNED NG,DP CHECKED CT DRAFTED NG,RC

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	NH-0932(047)/69393	2017	G5	G15

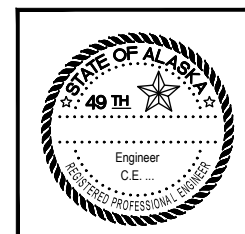


NO.	STATION	OFFSET	ELEVATION	DESCRIPTION
1	46+66.12	39.50' RT	27.52'	PC TBC (BEGIN 33' RADIUS)
2	46+99.11	71.43' RT	26.91'	PT TBC (END 33' RADIUS)
3	47+33.12	71.37' RT	27.02'	MTE EOP
4	47+58.12	39.50' RT	28.12'	PT TBC (END 23' RADIUS)
6	47+35.12	62.50' RT	27.57'	PC TBC (BEGIN 23' RADIUS)
7	46+86.87	46.84' RT	26.86'	BR TBC
8	46+91.10	50.93' RT	26.79'	BR TBC
9	47+39.76	48.65' RT	27.41'	BR TBC
10	47+44.27	44.14' RT	27.50'	BR TBC

**LAYOUT POINT DESCRIPTIONS**  
 TBC = TOP BACK OF CURB  
 MTE = MATCH TO EXISTING  
 RP = RADIUS POINT  
 EOP = EDGE OF PAVEMENT  
 FOC = FACE OF CURB  
 BR = BOTTOM OF RAMP  
 PC = POINT OF CURVATURE  
 PT = POINT OF TANGENCY



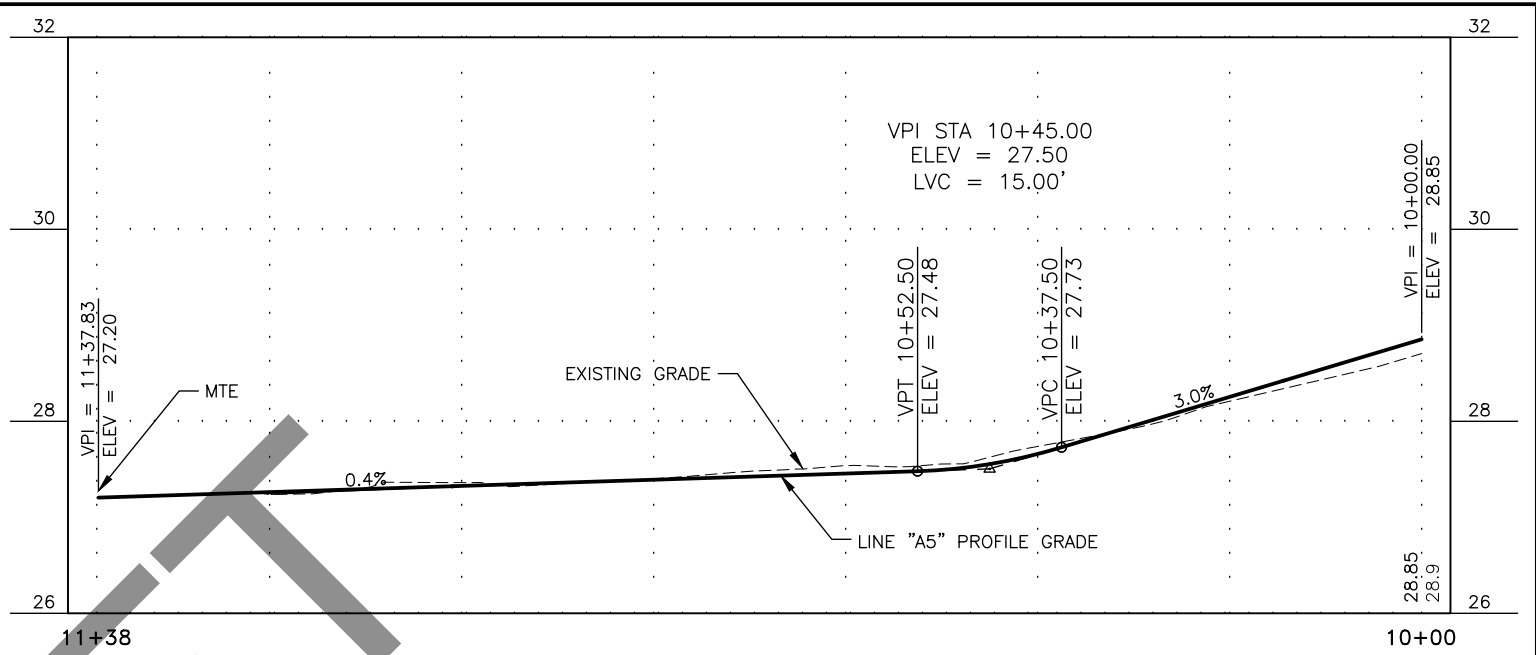
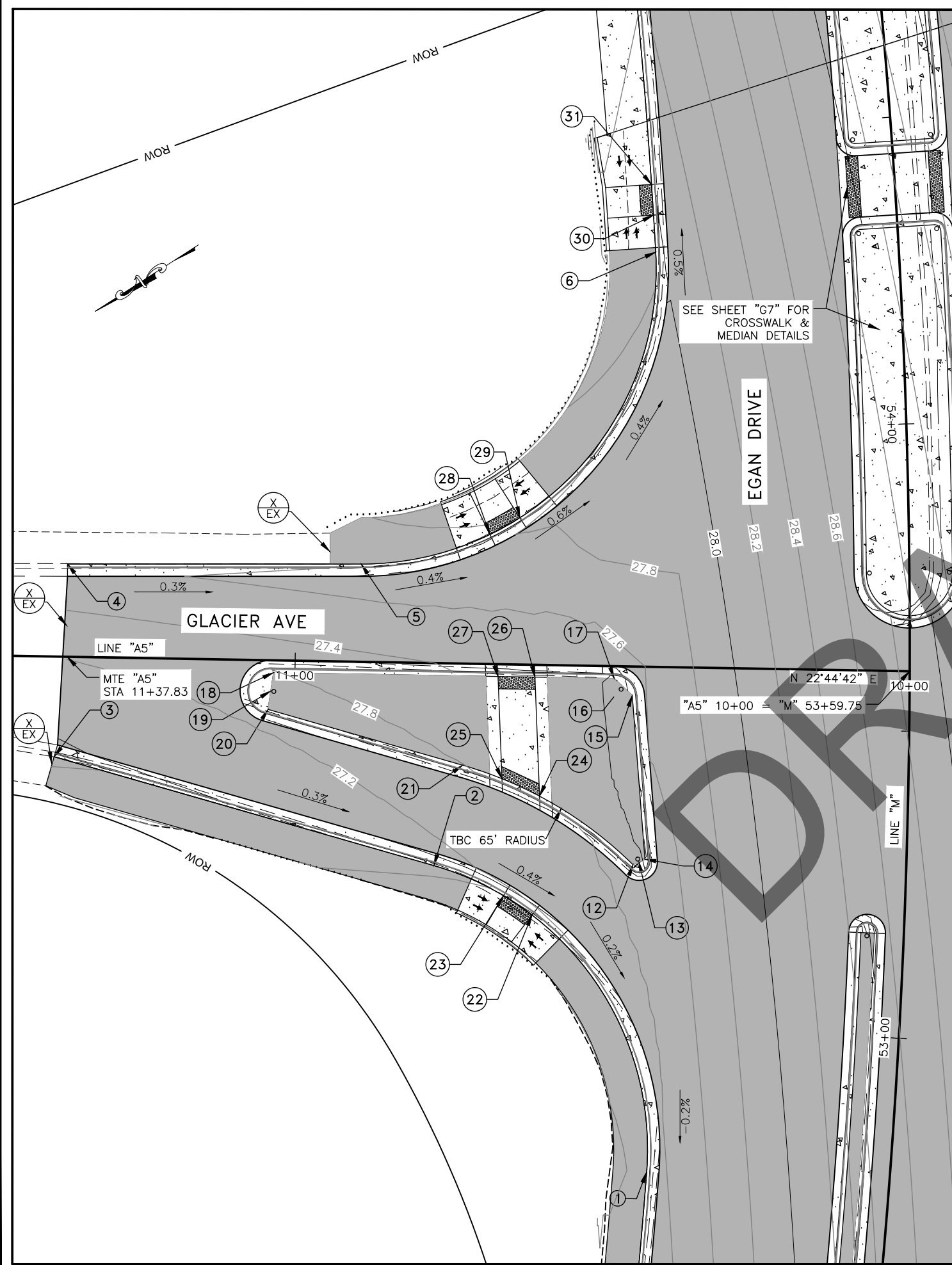
**NOTES:**  
 1. CURB AND GUTTER LAYOUT POINT ELEVATIONS ARE TO TOP BACK OF STANDARD CURB AND GUTTER DIMENSIONS, STD, DWG. 1-20.14. TOP BACK OF CURB ELEVATIONS SHALL BE ADJUSTED TO CONSTRUCT CURB RAMPS AND LANDINGS.



STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 AND PUBLIC FACILITIES  
**EGAN DR IMPROVEMENTS,  
 MAIN ST. TO 10TH ST**  
 INTERSECTIONS

FILE G:\nu\69393\Plan\69393\_G1-G15\_intersections.dwg DATE 6/6/2017 10:48 LAYOUT G6 DESIGNED NG,DP CHECKED CT DRAFTED NG,RC

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	NH-0932(047)/69393	2017	G6	G15



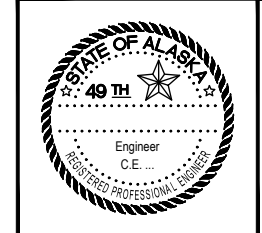
NO.	STATION	OFFSET	ELEVATION	DESCRIPTION
1	52+75.18	39.50' LT	27.75'	PC TBC (BEGIN 50' RADIUS)
2	53+25.56	76.83' LT	27.57'	PT TBC (END 50' RADIUS)
3	53+43.35	139.05' LT	27.38'	MTE TBC
4	53+78.97	136.96'	27.93'	MTE TBC
5	53+78.30	89.17' LT	28.08'	PC TBC (BEGIN 50' RADIUS)
6	54+30.25	39.50' LT	28.43'	PT TBC (END 50' RADIUS)
12	53+26.84	44.45' LT	27.97'	TBC (END 65' RADIUS)
13	53+27.34	43.50' LT	27.99'	1' FOC RP
14	53+27.83	42.54' LT	28.01'	TBC
15	53+55.48	45.12' LT	28.06'	TBC
16	53+55.21	48.11' LT	28.02'	1' FOC RP
17	53+58.34	48.08' LT	28.01'	TBC
18	53+59.09	103.50' LT	27.80'	TBC
19	53+55.80	103.93' LT	27.77'	1' ROC RP
20	53+52.50	104.36' LT	27.74'	TBC
21	53+43.15	72.56' LT	27.80'	PC TBC (BEGIN 65' RADIUS)
22	53+17.64	60.57' LT	27.62'	BR TBC
23	53+20.77	65.33' LT	27.61'	BR TBC
24	53+38.08	59.96' LT	27.82'	BR TBC
25	53+40.95	66.13' LT	27.81'	BR TBC
26	53+58.51	60.97' LT	27.94'	BR TBC
27	53+58.95	66.13' LT	27.81'	BR TBC
28	53+83.14	68.16' LT	28.17'	BR TBC
29	53+85.93	63.24' LT	28.20'	BR TBC
30	54+36.49	39.50' LT	28.45'	BR TBC
31	54+41.67	39.50' LT	28.48'	BR TBC

**LAYOUT POINT DESCRIPTIONS**

TBC = TOP BACK OF CURB  
MTE = MATCH TO EXISTING  
RP = RADIUS POINT  
EOP = EDGE OF PAVEMENT  
FOC = FACE OF CURB  
BR = BOTTOM OF RAMP  
PC = POINT OF CURVATURE  
PT = POINT OF TANGENCY

**NOTES:**

1. CURB AND GUTTER LAYOUT POINT ELEVATIONS ARE TO TOP BACK OF STANDARD CURB AND GUTTER DIMENSIONS, STD, DWG. 1-20.14. TOP BACK OF CURB ELEVATIONS SHALL BE ADJUSTED TO CONSTRUCT CURB RAMPS AND LANDINGS.



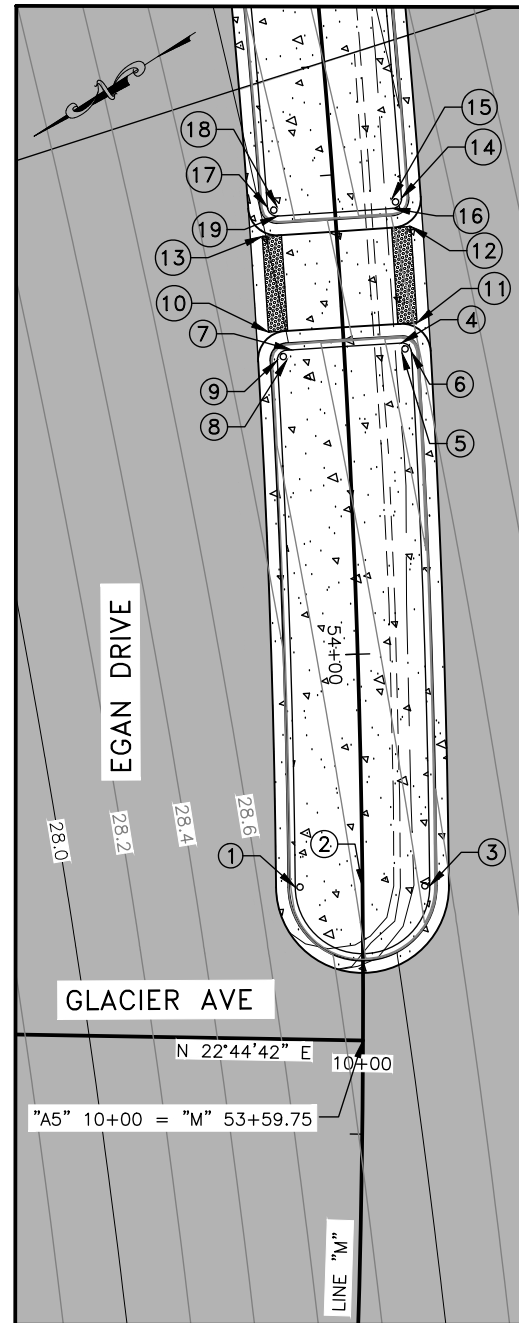
STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
AND PUBLIC FACILITIES

**EGAN DR IMPROVEMENTS,  
MAIN ST. TO 10TH ST**

INTERSECTIONS

FILE Q:\nu\69393\Plmset\69393\_G1-G15\_intersections.dwg DATE 6/6/2017 10:48 LAYOUT G7 DESIGNED NG,DP CHECKED CT DRAFTED NG,RC

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	NH-0932(047)/69393	2017	G7	G15



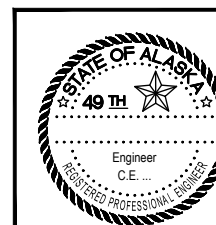
NO.	STATION	OFFSET	ELEVATION	DESCRIPTION
1	53+75.80	7.00' LT	29.21'	PC TBC (BEGIN 7' RADIUS)
2	53+75.80	0.00' T	29.42'	7' TBC RP
3	53+75.80	7.00' RT	29.63'	PT TBC (END 7' RADIUS)
4	54+32.09	6.00' RT	29.85'	PC TBC (BEGIN 1' RADIUS)
5	54+31.10	6.00' RT	29.84'	1' TBC RP
6	54+31.10	7.00' RT	29.87'	PT TBC (END 1' RADIUS)
7	54+32.05	5.45' LT	29.51'	PC TBC (BEGIN 1' RADIUS)
8	54+31.04	6.00' LT	29.48'	1' TBC RP
9	54+31.04	7.00' LT	29.45'	PT TBC (END 1' RADIUS)
10	54+34.06	7.75' LT	28.95'	BR
11	54+34.08	7.75' RT	29.41'	BR
12	54+44.08	7.75' RT	29.45'	BR
13	54+44.11	7.75' LT	28.99'	BR
14	54+47.07	7.00' RT	29.94'	PC TBC (BEGIN 1' RADIUS)
15	54+47.07	6.00' RT	29.91'	1' TBC RP
16	54+46.07	6.00' RT	29.91'	PT TBC (END 1' RADIUS)
17	54+47.12	7.00' LT	29.52'	PC TBC (BEGIN 1' RADIUS)
18	54+47.13	6.00' LT	29.55'	1' TBC RP
19	54+46.12	6.00' LT	29.55'	PT TBC (END 1' RADIUS)

**LAYOUT POINT DESCRIPTIONS**

TBC = TOP BACK OF CURB  
MTE = MATCH TO EXISTING  
RP = RADIUS POINT  
EOP = EDGE OF PAVEMENT  
FOC = FACE OF CURB  
BR = BOTTOM OF RAMP  
PC = POINT OF CURVATURE  
PT = POINT OF TANGENCY

**NOTES:**

1. CURB AND GUTTER LAYOUT POINT ELEVATIONS ARE TO TOP BACK OF STANDARD CURB AND GUTTER DIMENSIONS, STD. DWG. 1-20.14. TOP BACK OF CURB ELEVATIONS SHALL BE ADJUSTED TO CONSTRUCT CURB RAMPS AND LANDINGS.

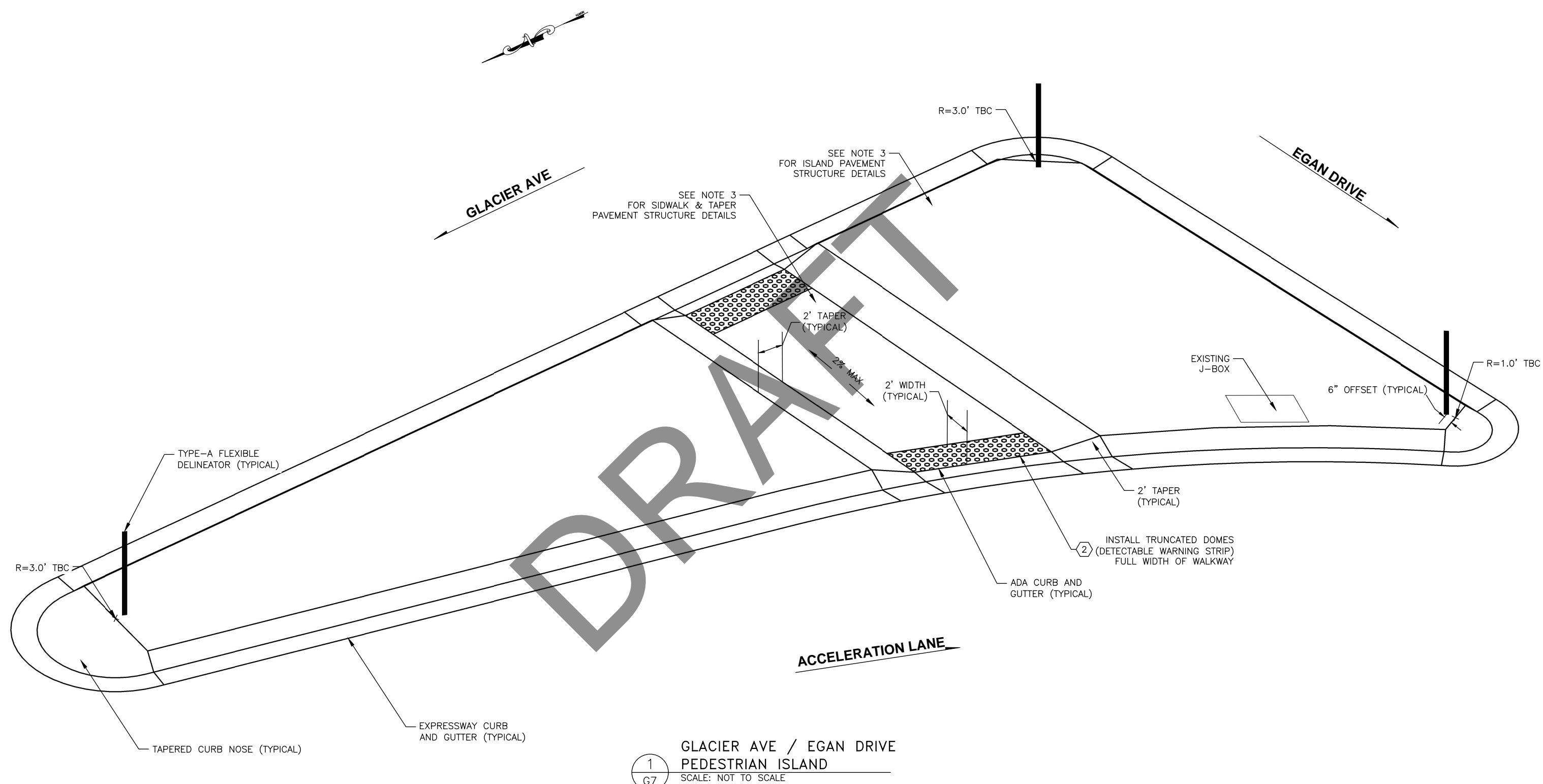


STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
AND PUBLIC FACILITIES  
EGAN DR IMPROVEMENTS,  
MAIN ST. TO 10TH ST

INTERSECTIONS

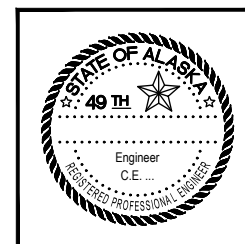
NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	NH-0932(047)/69393	2017	G8	G15

FILE G:\nu\69393\Plan\69393\_G1-G15\_intersections.dwg  
 DATE 6/6/2017 10:48  
 LAYOUT G8  
 DESIGNED NG,DP  
 CHECKED CT  
 DRAFTED NG,RC



1  
 G7  
 GLACIER AVE / EGAN DRIVE  
 PEDESTRIAN ISLAND  
 SCALE: NOT TO SCALE

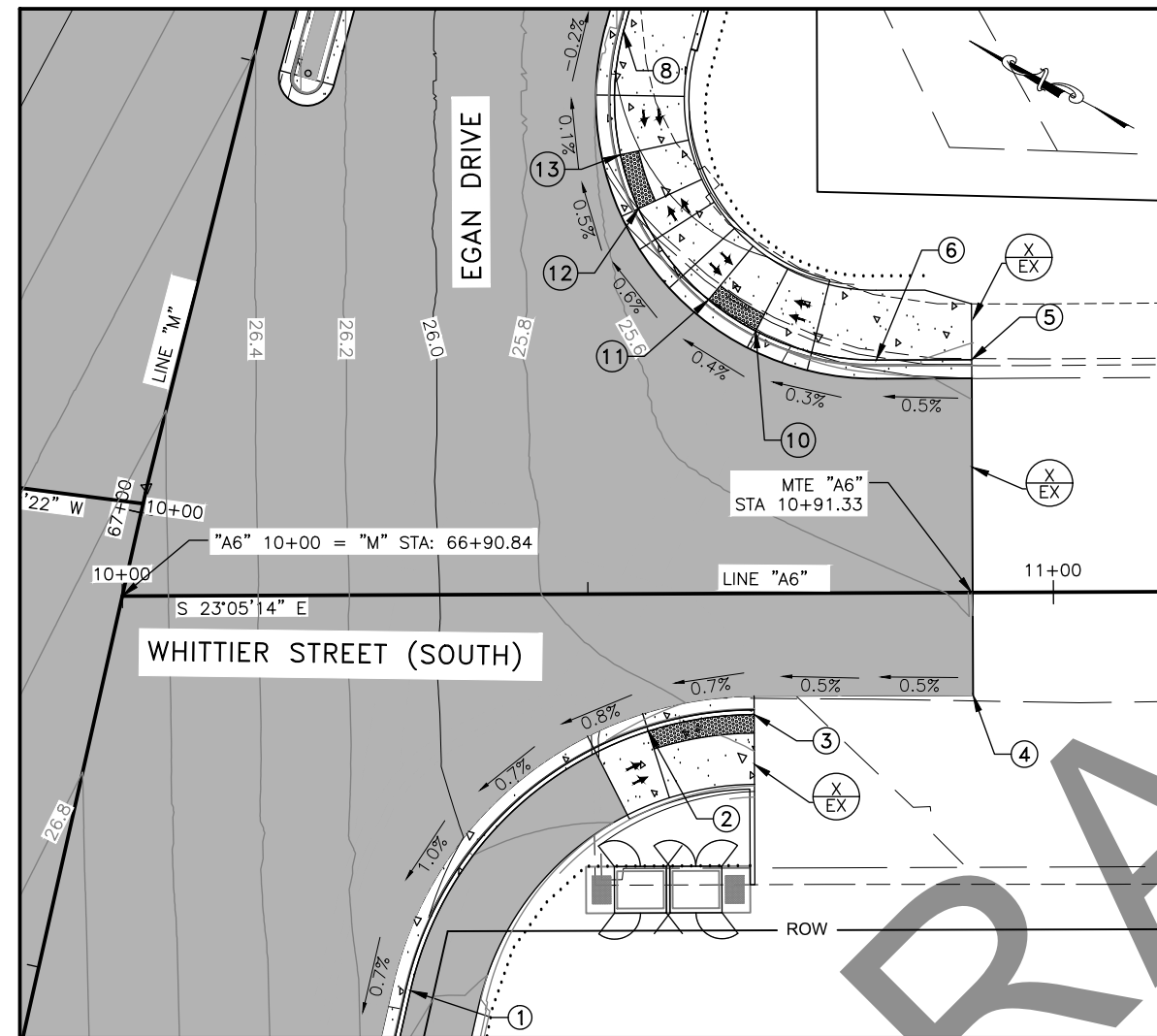
- PEDESTRIAN ISLAND NOTES:**
1. CROWN ISLAND AT CENTER OF SIDEWALK SO DRAINAGE IS OUTWARD, OFF ISLAND.
  2. SEE STANDARD DRAWING, I-21.10
  3. USE PAVEMENT STRUCTURE 2 (SHEET B1) FOR SIDEWALK AND 2' TAPER. USE PAVEMENT STRUCTURE 3 (SHEET B1) FOR REMAINING SURFACE OF ISLAND.



STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
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**EGAN DR IMPROVEMENTS,  
 MAIN ST. TO 10TH ST**  
 INTERSECTIONS

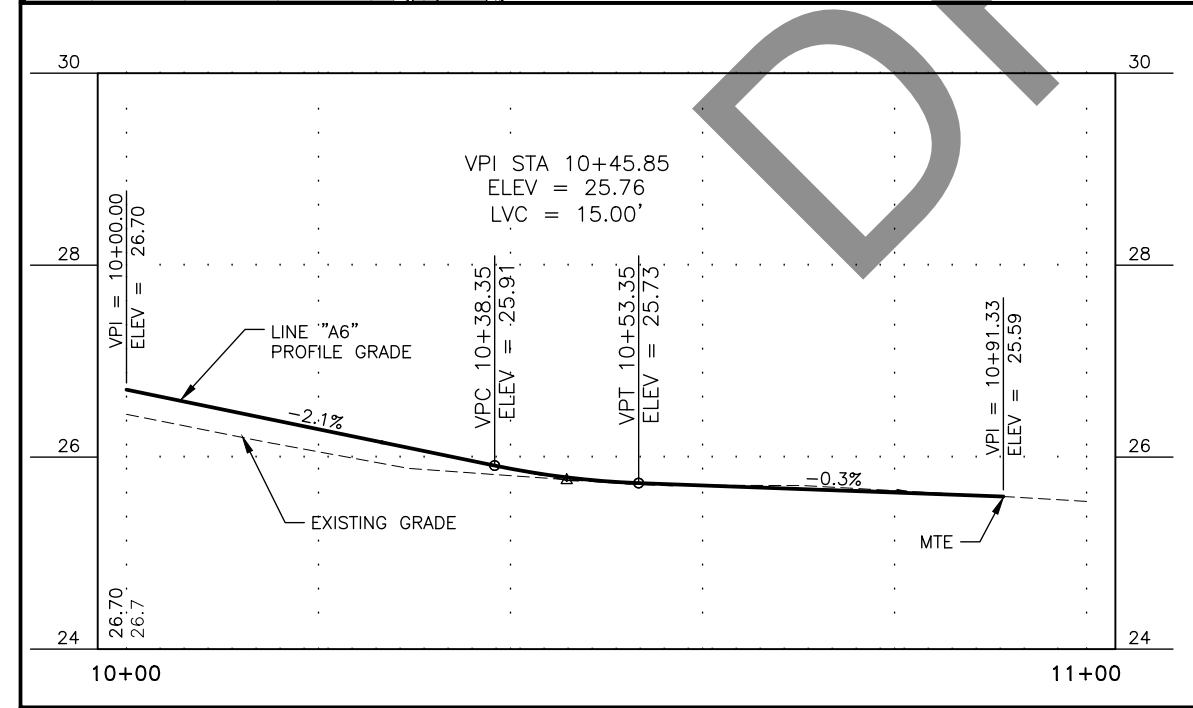
FILE Q:\nu\69393\Plan\69393\_G1-G15\_intersections.dwg DATE 6/6/2017 10:48 LAYOUT G9 DESIGNED NG,DP CHECKED CT DRAFTED NG,RC

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	NH-0932(047)/69393	2017	G9	G15

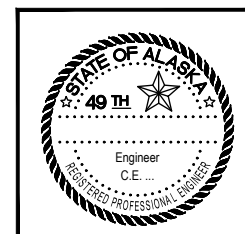


NO.	STATION	OFFSET	ELEVATION	DESCRIPTION
1	66+56.31	39.50' RT	26.56'	PC TBC (BEGIN 38' RADIUS)
2	66+89.09	58.29' RT	26.23'	BR TBC
3	66+93.34	69.00' RT	26.14'	PT TBC (END 38' RADIUS), BR TBC
4	67+00.56	91.48 RT	25.63'	MTE EOP
5	67+37.49	82.67 RT	25.77'	MTE TBC
6	67+34.98	72.73' RT	25.82'	PC TBC (BEGIN 28' RADIUS)
8	67+62.74	37.86' RT	26.02'	PT TBC (END 28' RADIUS)
10	67+34.87	59.41' RT	25.87'	BR TBC
11	67+36.91	53.67' RT	25.90'	BR TBC
12	67+44.60	44.01' RT	25.94'	BR TBC
13	67+49.74	40.74' RT	25.97'	BR TBC

**LAYOUT POINT DESCRIPTIONS**  
 TBC = TOP BACK OF CURB  
 MTE = MATCH TO EXISTING  
 RP = RADIUS POINT  
 EOP = EDGE OF PAVEMENT  
 FOC = FACE OF CURB  
 BR = BOTTOM OF RAMP  
 PC = POINT OF CURVATURE  
 PT = POINT OF TANGENCY



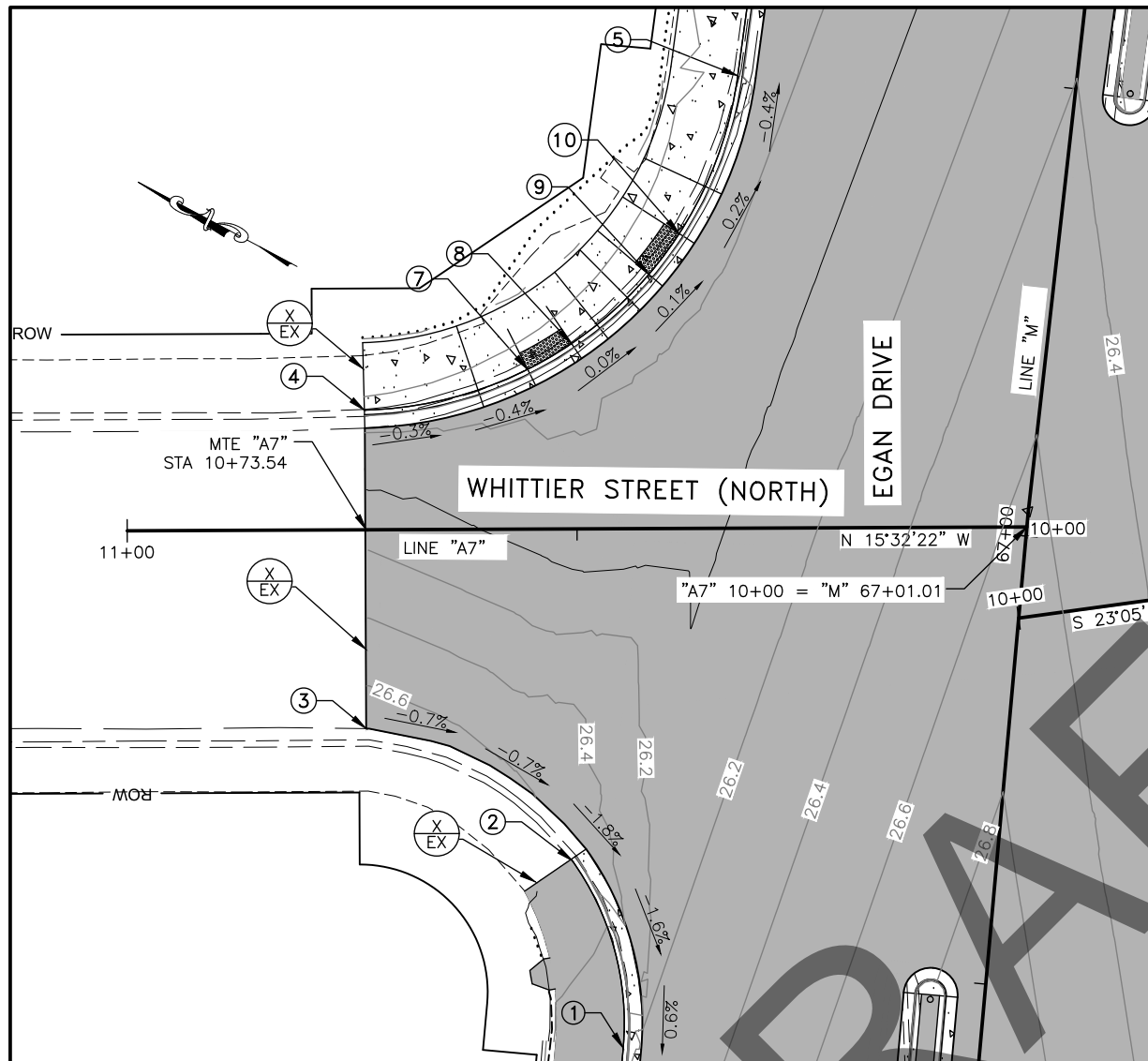
- NOTES:**
- CURB AND GUTTER LAYOUT POINT ELEVATIONS ARE TO TOP BACK OF STANDARD CURB AND GUTTER DIMENSIONS, STD. DWG. I-20.14. TOP BACK OF CURB ELEVATIONS SHALL BE ADJUSTED TO CONSTRUCT CURB RAMPS AND LANDINGS.



STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 AND PUBLIC FACILITIES  
**EGAN DR IMPROVEMENTS,  
 MAIN ST. TO 10TH ST**  
 INTERSECTIONS

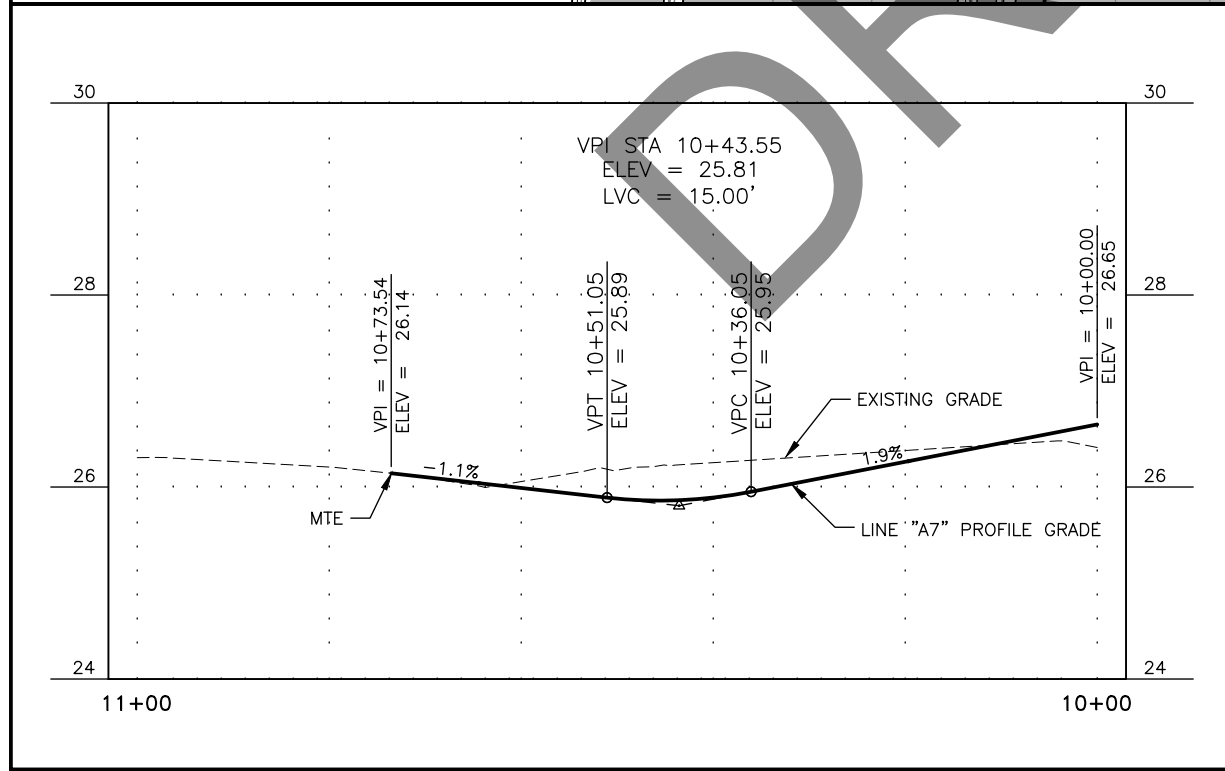
FILE Q:\nu\69393\Plmset\69393\_G1-G15\_intersections.dwg DATE 6/6/2017 10:48 LAYOUT G10 DESIGNED NG,DP CHECKED CT DRAFTED NG,RC

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	NH-0932(047)/69393	2017	G10	G15

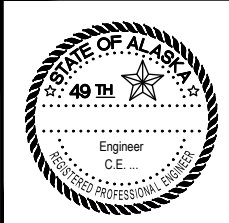


NO.	STATION	OFFSET	ELEVATION	DESCRIPTION
1	66+39.31	39.50' LT	26.64'	PC TBC (BEGIN 31' RADIUS)
2	66+59.53	46.99' LT	26.92'	MTE TBC
3	66+72.11	71.14' LT	26.73'	MTE EOP
4	67+05.68	74.59' LT	26.18'	PC TBC (BEGIN 43' RADIUS)
5	67+47.24	37.50' LT	26.10'	PT TBC (END 43' RADIUS)
7	67+12.21	57.06' LT	26.15'	BR TBC
8	67+15.60	52.53' LT	26.15'	BR TBC
9	67+24.20	44.85' LT	26.13'	BR TBC
10	67+29.09	42.00' LT	26.13'	BR TBC

**LAYOUT POINT DESCRIPTIONS**  
 TBC = TOP BACK OF CURB  
 MTE = MATCH TO EXISTING  
 RP = RADIUS POINT  
 EOP = EDGE OF PAVEMENT  
 FOC = FACE OF CURB  
 BR = BOTTOM OF RAMP  
 PC = POINT OF CURVATURE  
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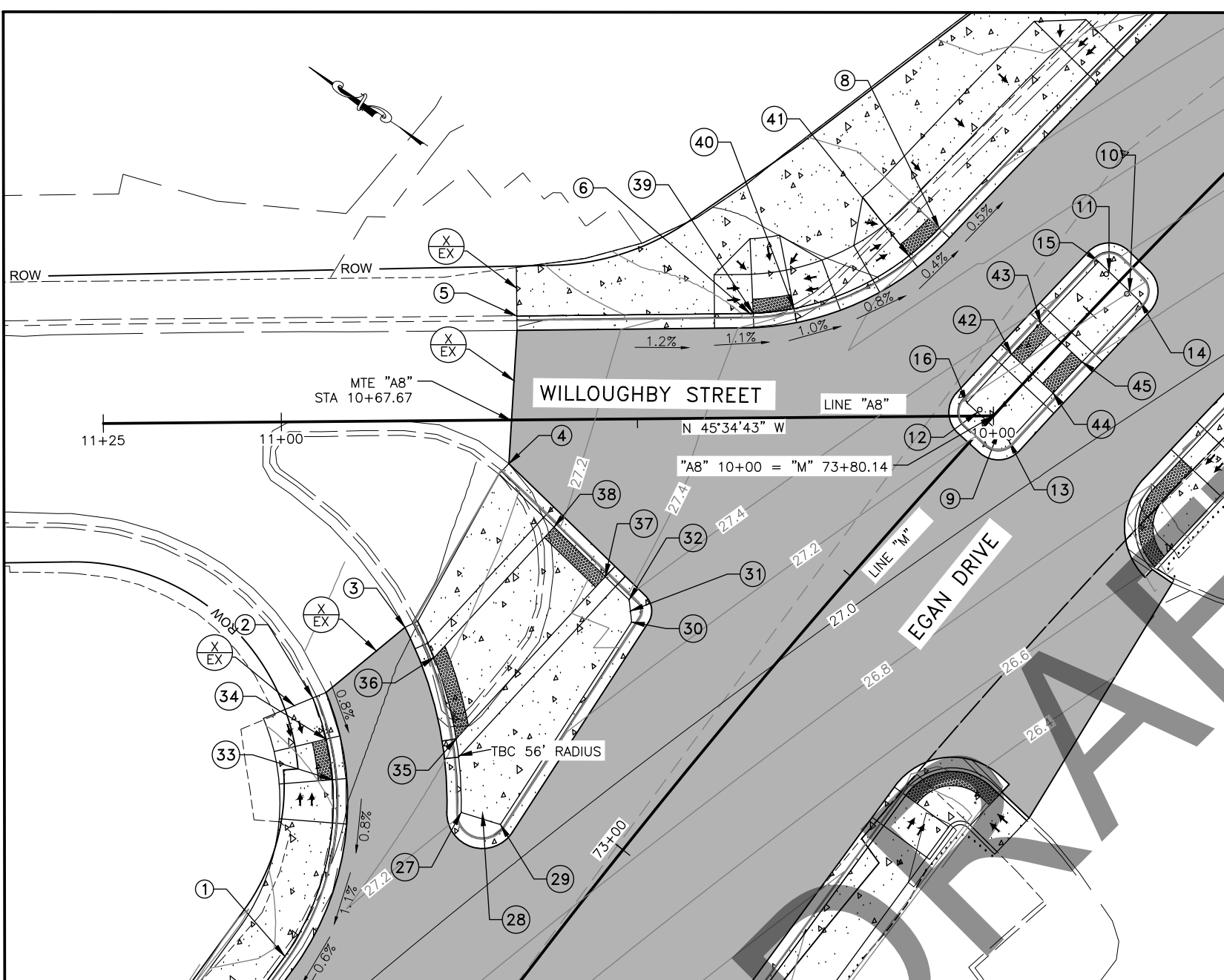


STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 AND PUBLIC FACILITIES  
**EGAN DR IMPROVEMENTS,  
 MAIN ST. TO 10TH ST**  
 INTERSECTIONS

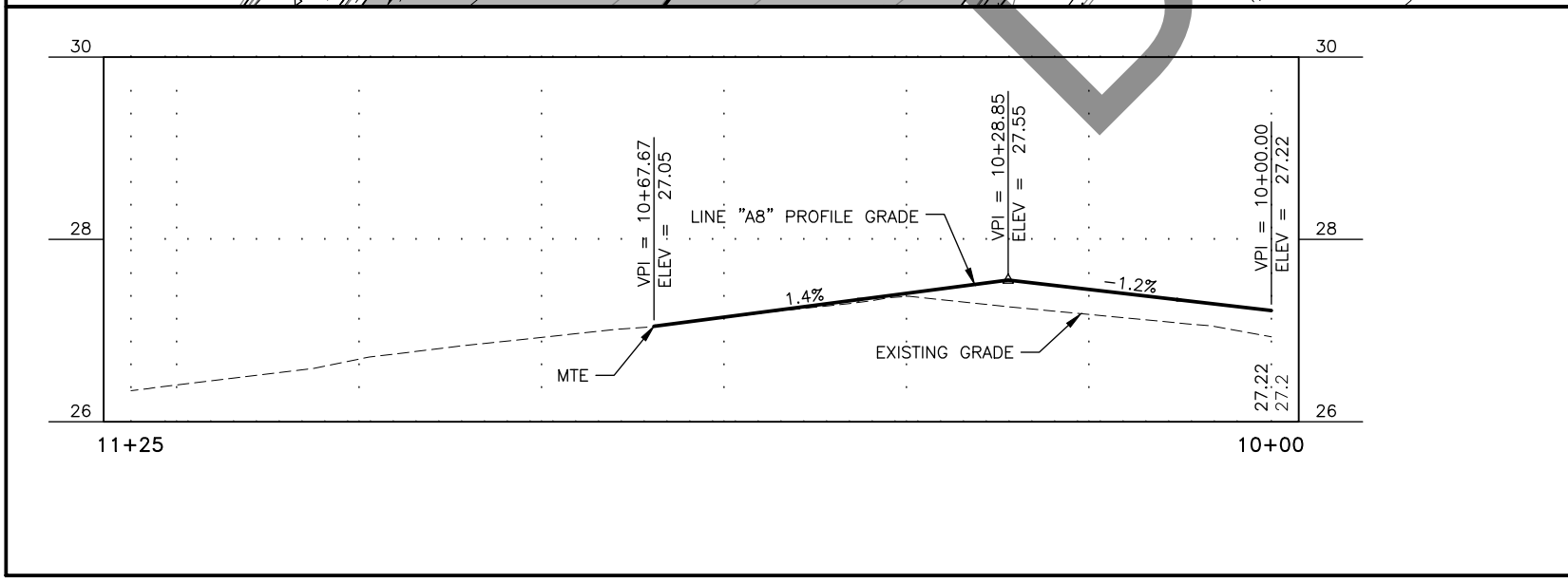


FILE G:\nu\69393\Plan\69393\_G1-G15\_intersections.dwg DATE 6/6/2017 10:48 LAYOUT G11 DESIGNED NG,DP CHECKED CT DRAFTED NG,RC

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	NH-0932(047)/69393	2017	G11	G15



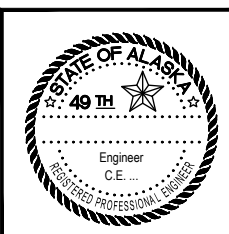
NO.	STATION	OFFSET	ELEVATION	DESCRIPTION
1	72+59.70	28.52' LT	27.57'	PC TBC (BEGIN 38' RADIUS)
2	72+89.96	47.39' LT	27.26'	MTE TBC
3	73+05.18	43.41' LT	26.98'	MTE EOP
4	73+31.20	46.74' LT	27.06'	MTE EOP
5	73+46.97	59.32' LT	27.42'	MTE TBC
6	73+68.04	34.96' LT	27.81'	PC TBC (BEGIN 38' RADIUS)
8	73+94.16	23.50' LT	28.20'	PT TBC (END 38' RADIUS), BR TBC
9	73+79.00	2.00' RT	27.67'	2.5' FOC RP
10	74+05.99	2.00' RT	27.80'	2.5' FOC RP
11	74+06.01	2.00' LT	27.88'	2.5' FOC RP
12	73+78.99	2.00' LT	27.75'	2.5' FOC RP
13	73+79.00	4.00' RT	27.63'	TBC
14	74+05.98	4.00' RT	27.76'	TBC
15	74+06.01	4.00' LT	27.92'	TBC
16	73+78.99	4.00' LT	27.79'	TBC
27	72+90.14	27.66' LT	27.71'	TBC
28	72+91.90	18.68' LT	27.66'	3.5' FOC RP
29	72+92.16	15.68' LT	27.61'	TBC
30	73+25.36	19.24' LT	27.83'	TBC
31	73+26.43	20.38' LT	27.84'	1.5' FOC RP
32	73+27.50	21.51' LT	27.86'	TBC
33	72+82.87	38.16' LT	27.37'	BR TBC
34	72+86.68	42.35' LT	27.32'	BR TBC
35	72+97.67	28.03' LT	27.70'	BR TBC
36	73+04.46	37.57' LT	27.57'	BR TBC
37	73+27.83	26.18' LT	27.83'	BR TBC
38	73+28.54	36.16' LT	27.69'	BR TBC
39	73+68.32	34.66' LT	27.82'	BR TBC
40	73+72.53	30.86' LT	27.88'	BR TBC
41	73+88.53	23.95' LT	28.05'	BR TBC
42	73+88.19	4.00' LT	27.84'	BR TBC
43	73+94.17	4.00' LT	27.86'	BR TBC
44	73+88.17	4.00' RT	27.68'	BR TBC
45	73+94.19	4.00' RT	27.71'	BR TBC



**LAYOUT POINT DESCRIPTIONS**

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RP = RADIUS POINT  
EOP = EDGE OF PAVEMENT  
FOC = FACE OF CURB  
BR = BOTTOM OF RAMP  
PC = POINT OF CURVATURE  
PT = POINT OF TANGENCY

- NOTES:**
- CURB AND GUTTER LAYOUT POINT ELEVATIONS ARE TO TOP BACK OF STANDARD CURB AND GUTTER DIMENSIONS, STD. DWG. I-20.14. TOP BACK OF CURB ELEVATIONS SHALL BE ADJUSTED TO CONSTRUCT CURB RAMPS AND LANDINGS.

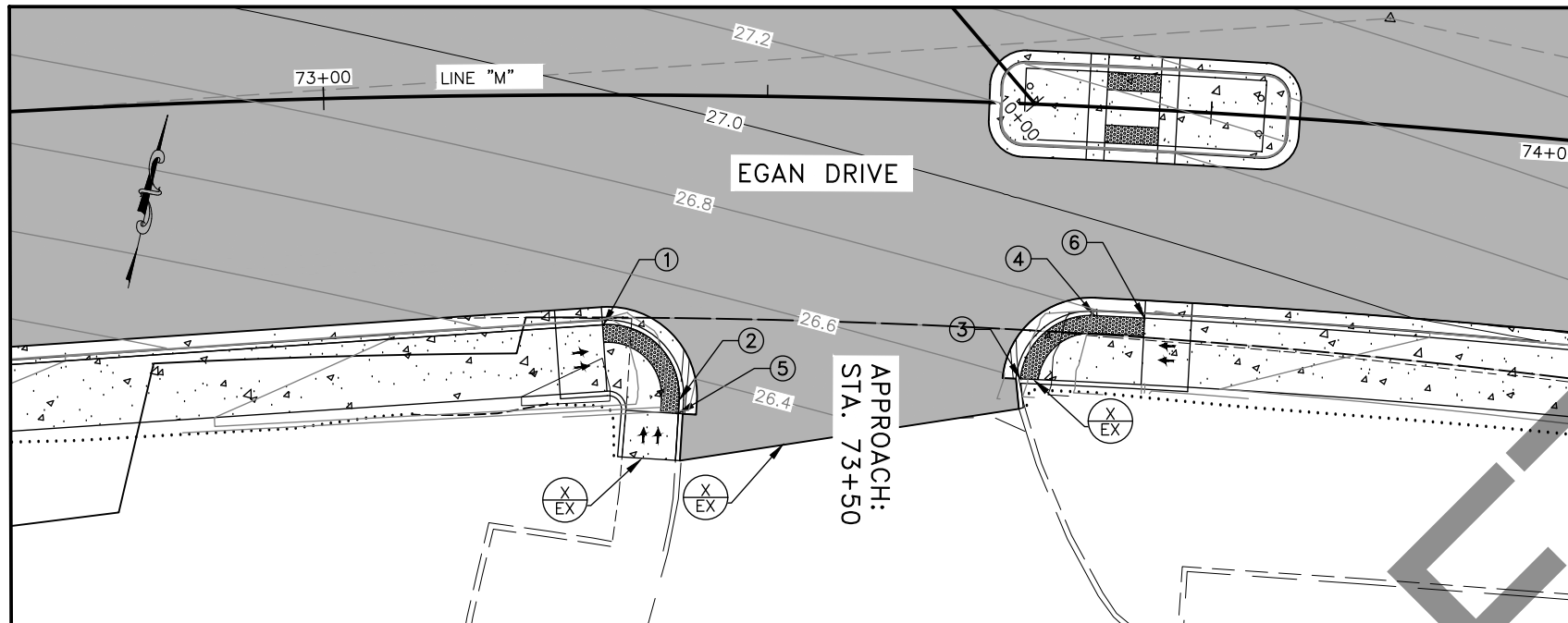


STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
AND PUBLIC FACILITIES

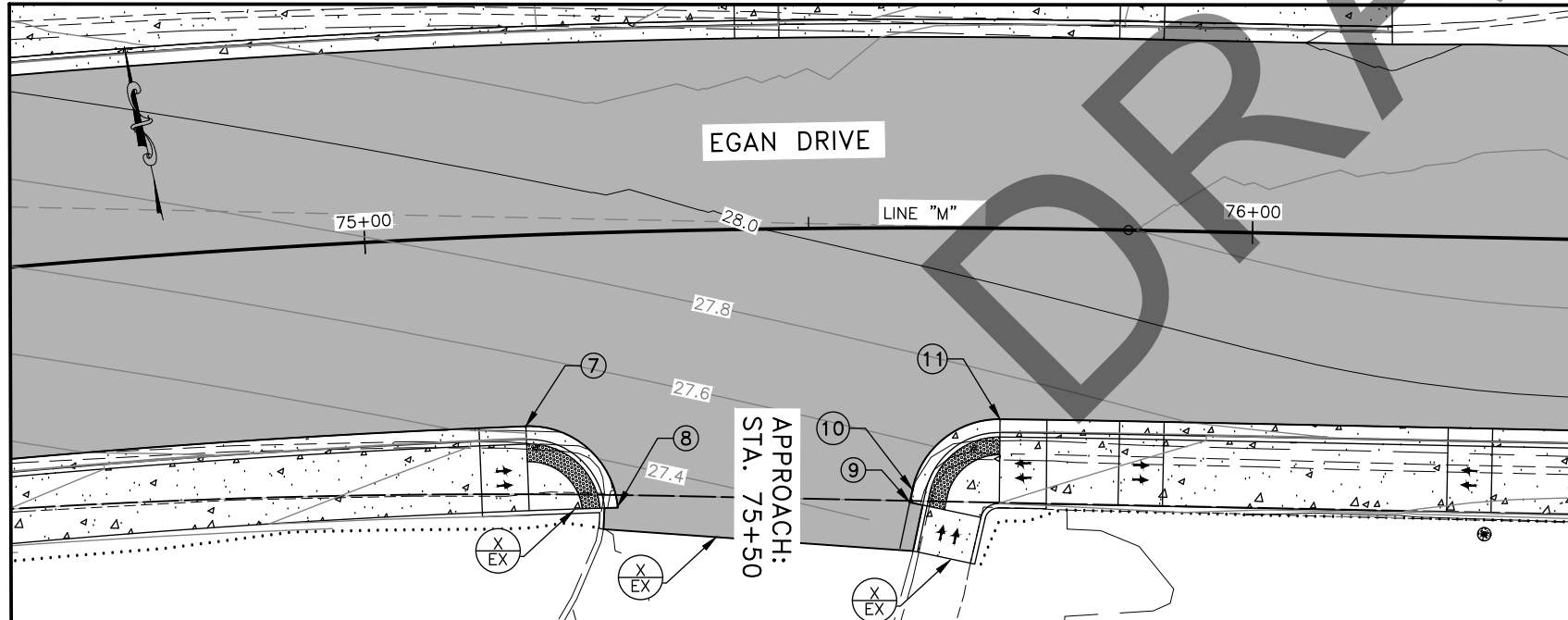
**EGAN DR IMPROVEMENTS,  
MAIN ST. TO 10TH ST**

INTERSECTIONS

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	NH-0932(047)/69393	2017	G12	G15



NO.	STATION	OFFSET	ELEVATION	DESCRIPTION
1	73+31.54	25.90' RT	27.01'	PC TBC (BEGIN 8' RADIUS), BR TBC
2	73+40.32	34.33' RT	26.50'	PC TBC (END 8' RADIUS)
3	73+79.77	31.00' RT	27.14'	MTE TBC ,BR TBC
4	73+87.97	23.50' RT	27.22'	PC TBC (BEGIN 8' RADIUS)
5	73+40.24	35.83' RT	26.40'	MTE TBC, BR TBC
6	73+93.74	23.50' RT	27.79'	BR TBC



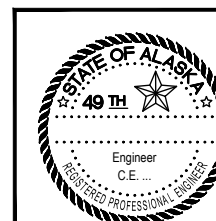
NO.	STATION	OFFSET	ELEVATION	DESCRIPTION
7	75+17.35	21.50' RT	27.44'	PC EOP (BEGIN 10' RADIUS)
8	75+27.60	30.87' RT	27.30'	MTE EOP
9	75+61.38	30.89' RT	27.46'	MTE EOP
10	75+61.69	29.47' RT	27.49'	PT EOP (END 10' RADIUS)
11	75+71.49	21.50' RT	27.70'	PC EOP BEGIN 10' RADIUS)

LAYOUT POINT DESCRIPTIONS

- TBC = TOP BACK OF CURB
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- FOC = FACE OF CURB
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- PC = POINT OF CURVATURE
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NOTES:

1. CURB AND GUTTER LAYOUT POINT ELEVATIONS ARE TO TOP BACK OF STANDARD CURB AND GUTTER DIMENSIONS, STD. DWG. I-20.14. TOP BACK OF CURB ELEVATIONS SHALL BE ADJUSTED TO CONSTRUCT CURB RAMPS AND LANDINGS.



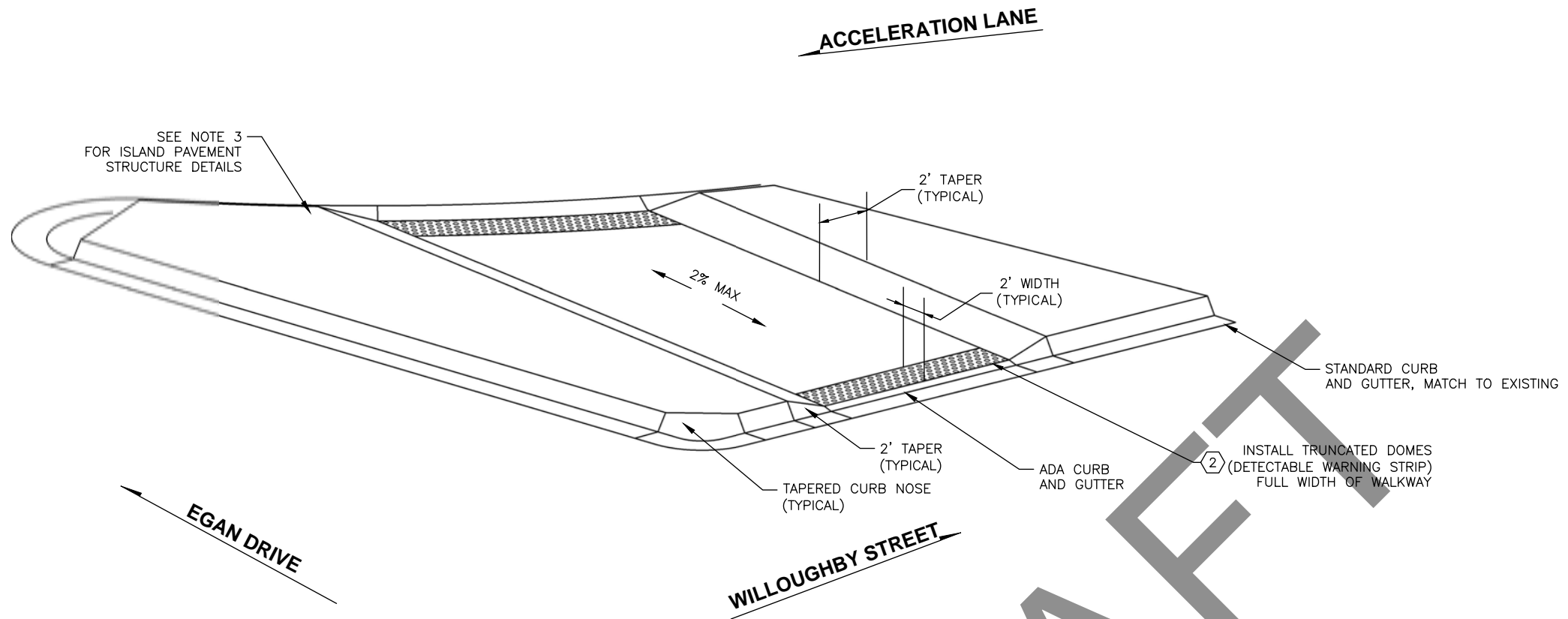
STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
AND PUBLIC FACILITIES  
**EGAN DR IMPROVEMENTS,  
MAIN ST. TO 10TH ST**

INTERSECTIONS

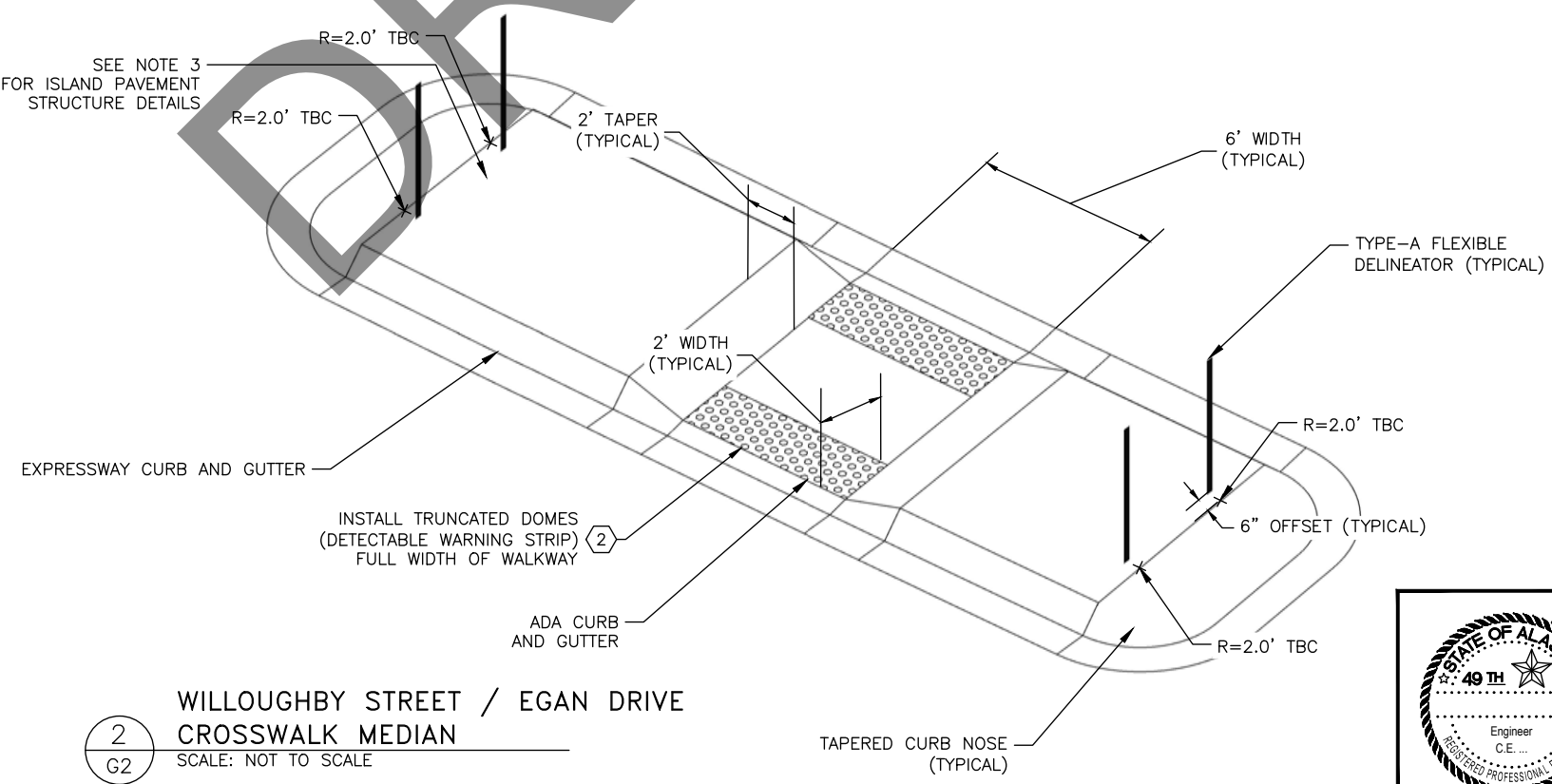
FILE: Q:\nu\69393\Plmset\69393\_G1-G15\_Intersection.s.dwg DATE: 6/6/2017 10:48 LAYOUT: G12 DESIGNED: NG,DP CHECKED: CT DRAFTED: NG,RC

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	NH-0932(047)/69393	2017	G13	G15

FILE G:\nu\69393\Plmset\69393\_G1-G15\_intersections.dwg DATE 6/6/2017 10:48 LAYOUT G13 DESIGNED NG,DP CHECKED CT DRAFTED NG,RC



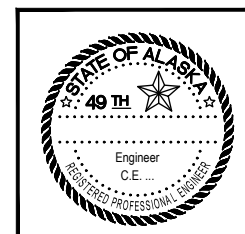
2  
G2  
WILLOUGHBY STREET / EGAN DRIVE  
PEDESTRIAN ISLAND  
SCALE: NOT TO SCALE



2  
G2  
WILLOUGHBY STREET / EGAN DRIVE  
CROSSWALK MEDIAN  
SCALE: NOT TO SCALE

**PEDESTRIAN & CROSSWALK ISLAND NOTES:**

1. CROWN ISLAND AT CENTER OF SIDEWALK SO DRAINAGE IS OUTWARD, OFF ISLAND.
2. SEE STANDARD DRAWING, I-21.10
3. USE PAVEMENT STRUCTURE 2 (SHEET B1).

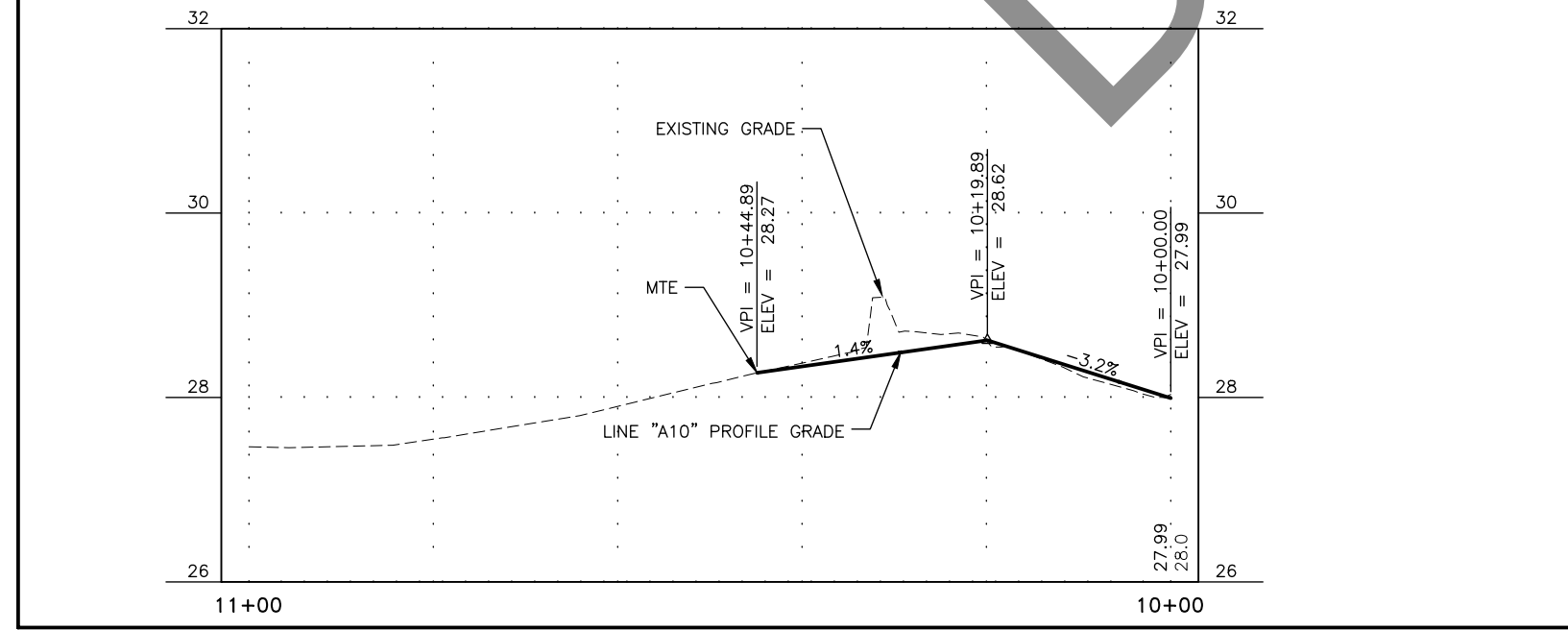
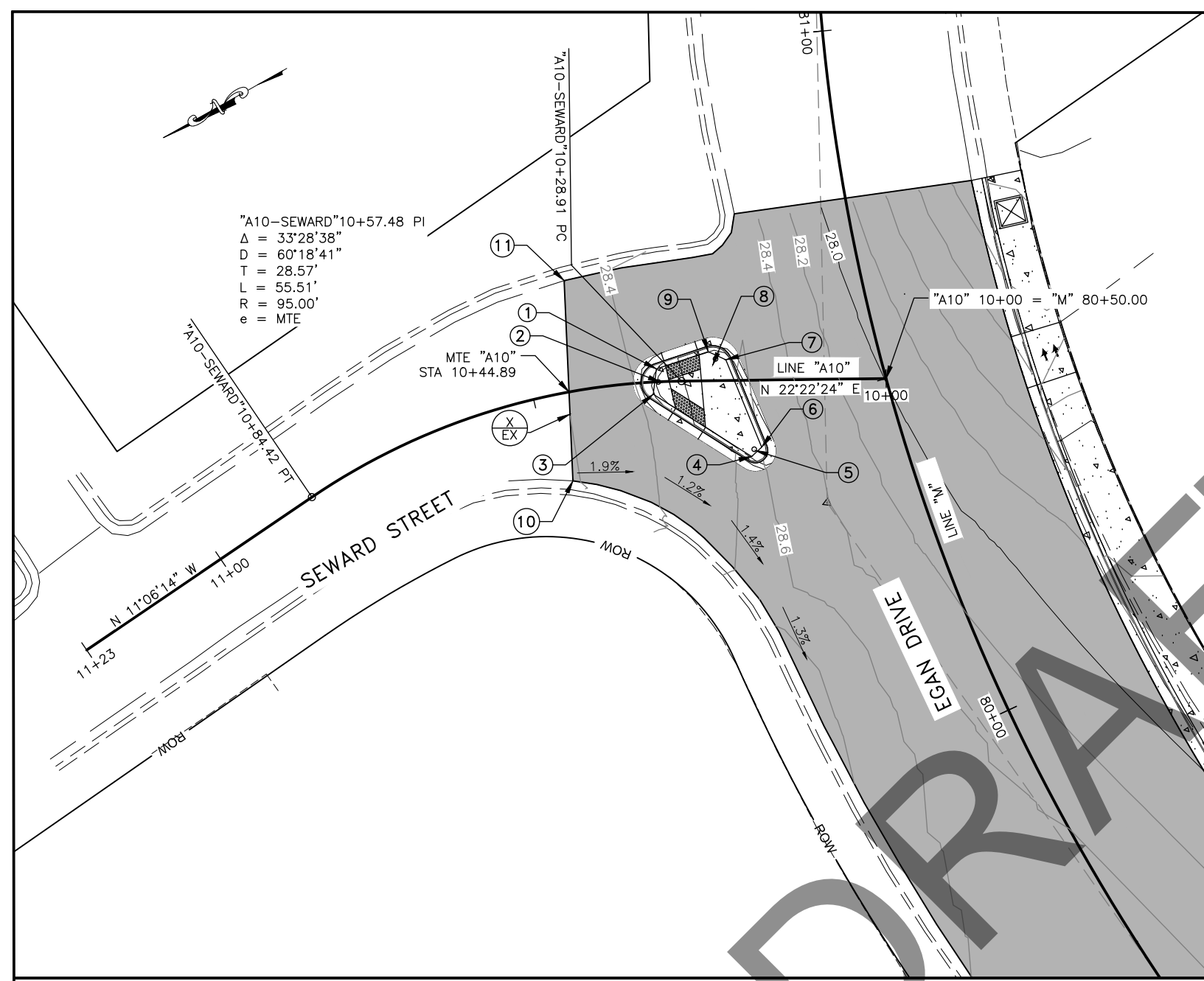


STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
AND PUBLIC FACILITIES  
**EGAN DR IMPROVEMENTS,  
MAIN ST. TO 10TH ST**  
  
INTERSECTIONS

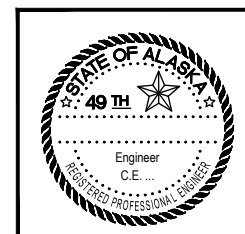
NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	NH-0932(047)/69393	2017	G14	G15

NO.	STATION	OFFSET	ELEVATION	DESCRIPTION
1	80+58.94	31.09' LT	28.95'	TBC
2	80+57.14	30.93' LT	28.95'	2.75' FOC RP
3	80+55.89	32.37' LT	28.93'	TBC
4	80+44.78	21.28' LT	29.13'	TBC
5	80+45.40	20.53' LT	29.10'	1.75' FOC RP
6	80+45.59	19.55' LT	29.09'	TBC
7	80+57.97	21.25' LT	29.08'	TBC
8	80+57.70	22.23' LT	29.06'	2.75' FOC RP
9	80+59.54	23.40' LT	29.06'	TBC
10	80+48.06	46.49' LT	28.16'	MTE EOP
11	80+72.24	41.48' LT	28.28'	MTE EOP
12	80+50.09	26.42' LT	29.02'	BR TBC
13	80+53.44	29.81' LT	28.97'	BR TBC
14	80+59.04	29.73' LT	28.97'	BR TBC
15	80+59.43	24.75' LT	29.04'	BR TBC

LAYOUT POINT DESCRIPTIONS  
 TBC = TOP BACK OF CURB  
 MTE = MATCH TO EXISTING  
 RP = RADIUS POINT  
 EOP = EDGE OF PAVEMENT  
 FOC = FACE OF CURB  
 BR = BOTTOM OF RAMP  
 PC = POINT OF CURVATURE  
 PT = POINT OF TANGENCY



- NOTES:
- CURB AND GUTTER LAYOUT POINT ELEVATIONS ARE TO TOP BACK OF STANDARD CURB AND GUTTER DIMENSIONS, STD, DWG. I-20.14. TOP BACK OF CURB ELEVATIONS SHALL BE ADJUSTED TO CONSTRUCT CURB RAMPS AND LANDINGS.

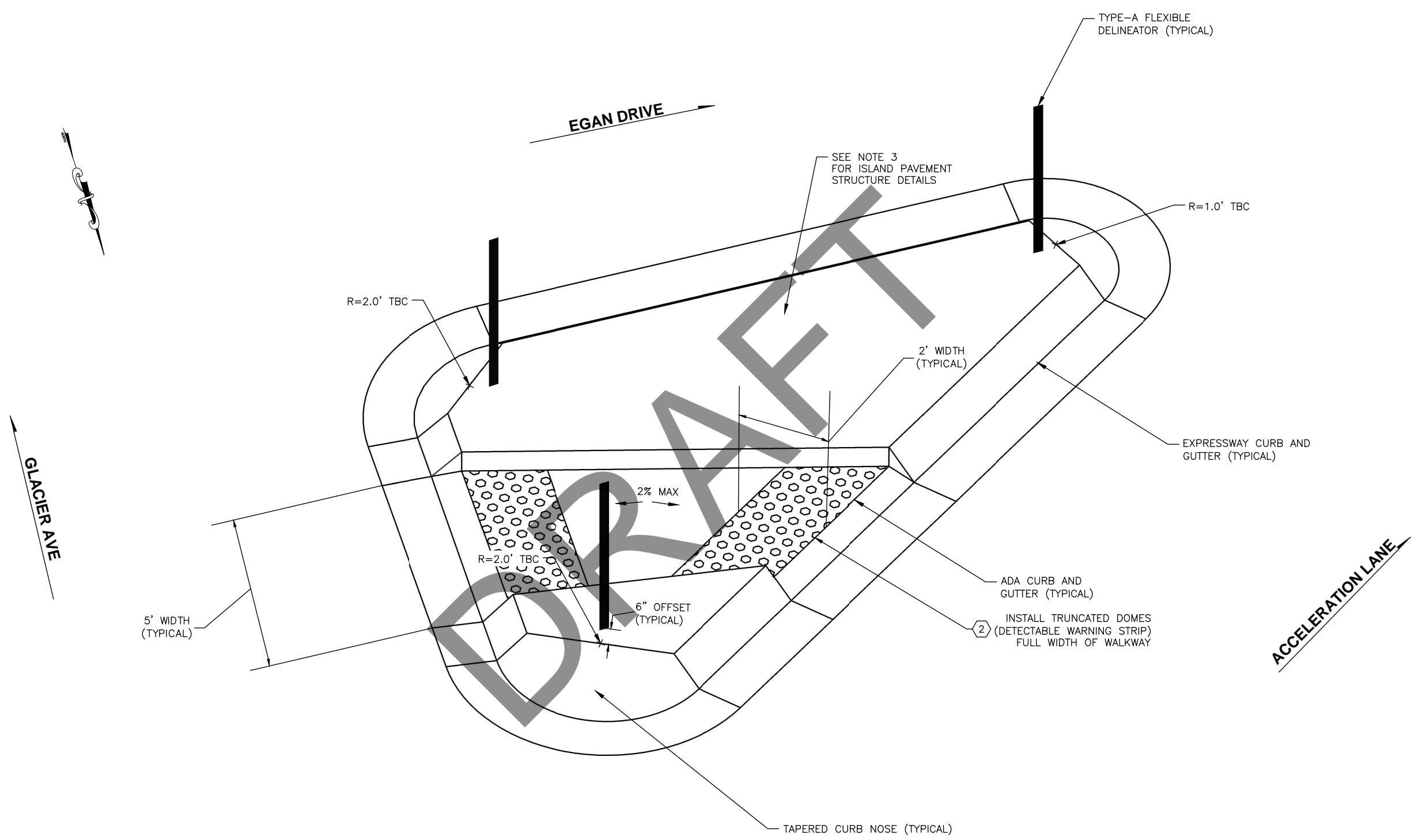


STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 AND PUBLIC FACILITIES  
**EGAN DR IMPROVEMENTS,  
 MAIN ST. TO 10TH ST**  
 INTERSECTIONS

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	NH-0932(047)/69393	2017	G15	G15

FILE G:\nu\69393\Plmset\69393\_G1-G15\_intersections.dwg

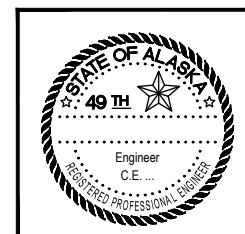
DATE 6/6/2017 10:48 LAYOUT G15 DESIGNED NG,DP CHECKED CT DRAFTED NG,RC



**PEDESTRIAN ISLAND NOTES:**

1. CROWN ISLAND AT CENTER OF SIDEWALK SO DRAINAGE IS OUTWARD, OFF ISLAND.
2. SEE STANDARD DRAWING, I-21.10
3. USE PAVEMENT STRUCTURE 2 (SHEET B1).

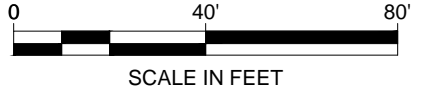
1  
G7 SEWARD STREET / EGAN DRIVE  
PEDESTRIAN ISLAND  
SCALE: NOT TO SCALE



STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
AND PUBLIC FACILITIES  
**EGAN DR IMPROVEMENTS,  
MAIN ST. TO 10TH ST**  
  
INTERSECTIONS

FILE Q:\nu\69393\PlanSet\69393-H1-H7\_SignStrippe.dwg DATE 6/6/2017 12:04 LAYOUT H1 CHECKED CT DESIGNED NG,DP DRAFTED IN,RG

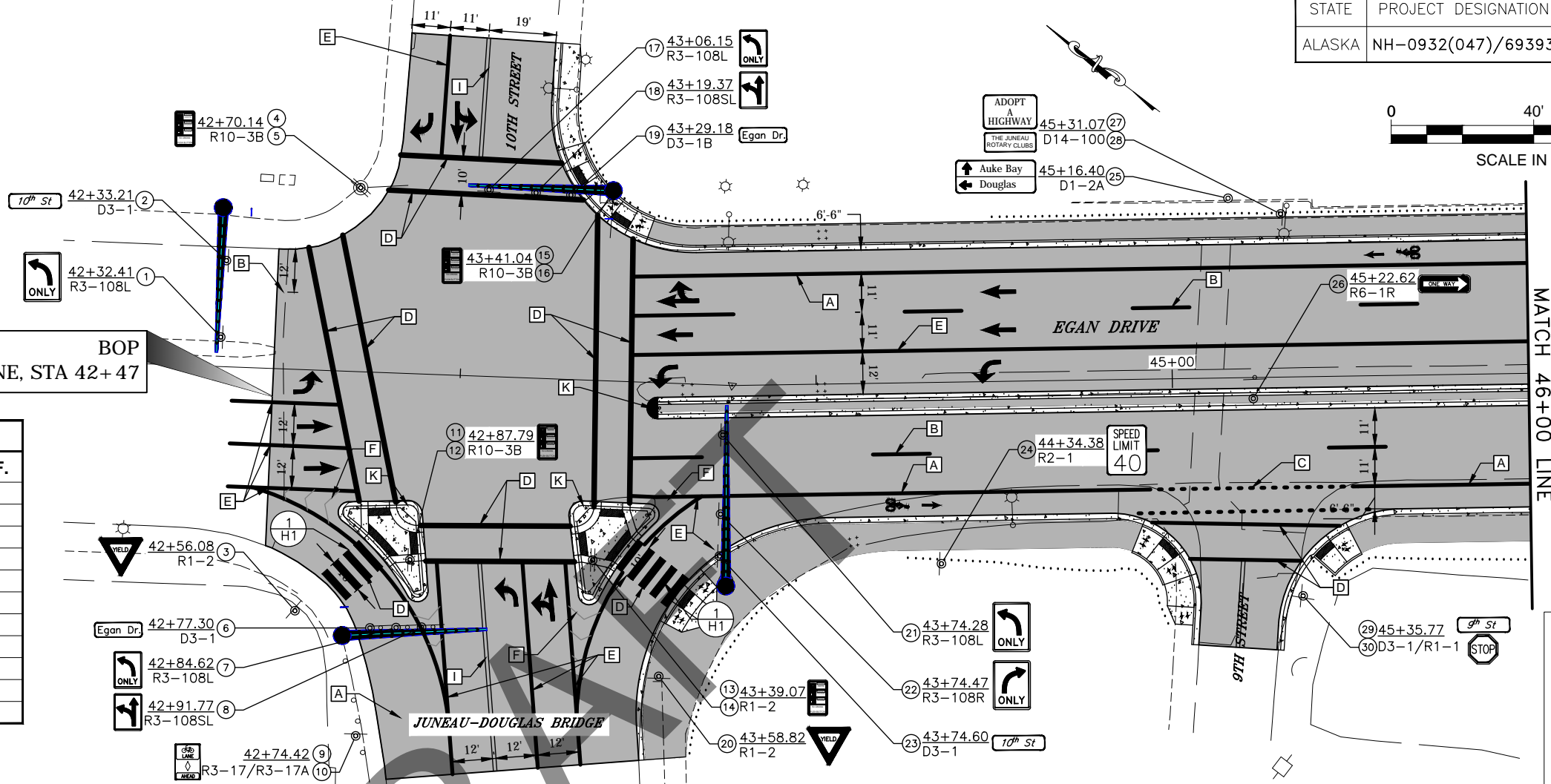
STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	NH-0932(047)/69393	2016	H1	H7



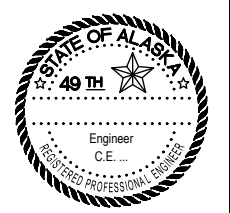
**1 LONGITUDINAL CROSSWALK DETAIL**  
 SCALE: N.T.S.  
 GAP MAY BE ADJUSTED TO 3' MAX SO MARKING IS OUTSIDE OF THE WHEEL PATH

STRIPING LEGEND				
SYMBOL	DESCRIPTION	WIDTH	PATTERN	L.F.
A	SOLID WHITE	4"	—	--
B	BROKEN WHITE	4"	— 10' —30' —10' —	--
C	DASHED WHITE	4"	- 2' -6' -2' -	--
D	SOLID WHITE	24"	▬	--
E	SOLID WHITE	8"	▬	--
F	SOLID WHITE	18"	▬	--
G	BROKEN YELLOW	4"	- 10' —30' —10' —	--
H	BROKEN YELLOW	4"	- 10' —30' —10' —	--
I	SOLID DOUBLE YELLOW	4"	▬▬	--
J	SOLID YELLOW	18"	▬	--
K	YELLOW CURB	--	▬	--

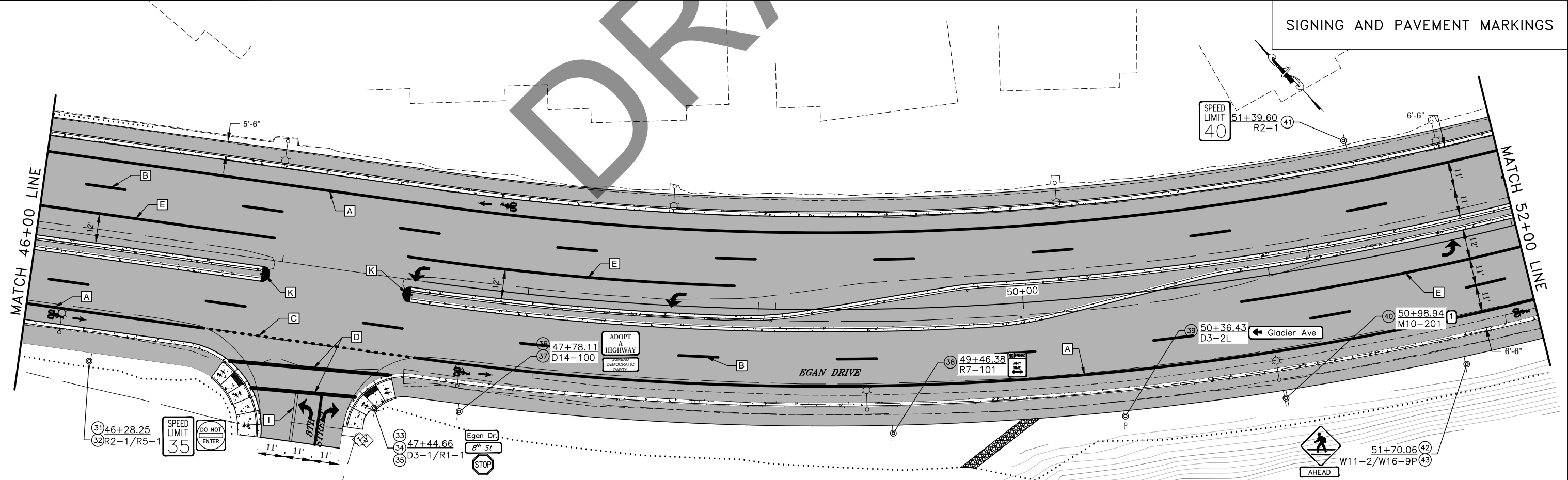
BOP  
 "M" LINE, STA 42+47



MATCH 46+00 LINE



**SIGNING AND PAVEMENT MARKINGS**



MATCH 46+00 LINE

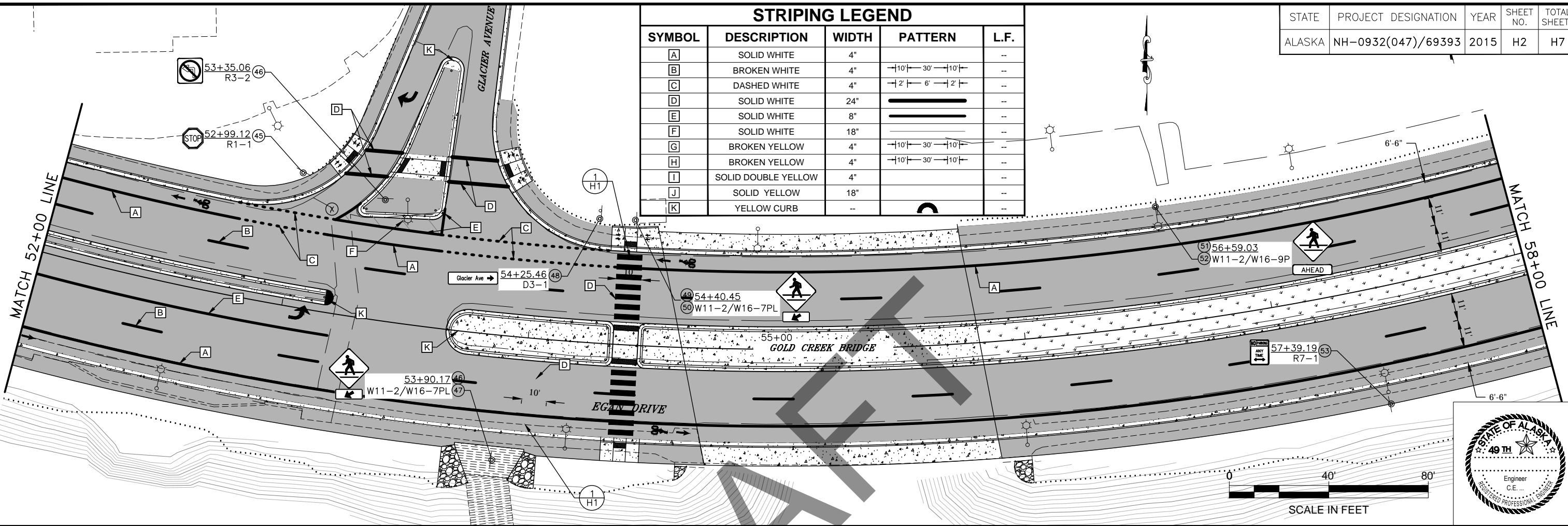
MATCH 52+00 LINE

FILE Q:\nu\69393\Planset\69393-H1-H7\_SignStripes.dwg DATE 6/6/2017 12:04 LAYOUT H2 DESIGNED NG,DP CHECKED CT DRAFTED NG,RG

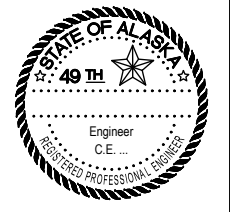
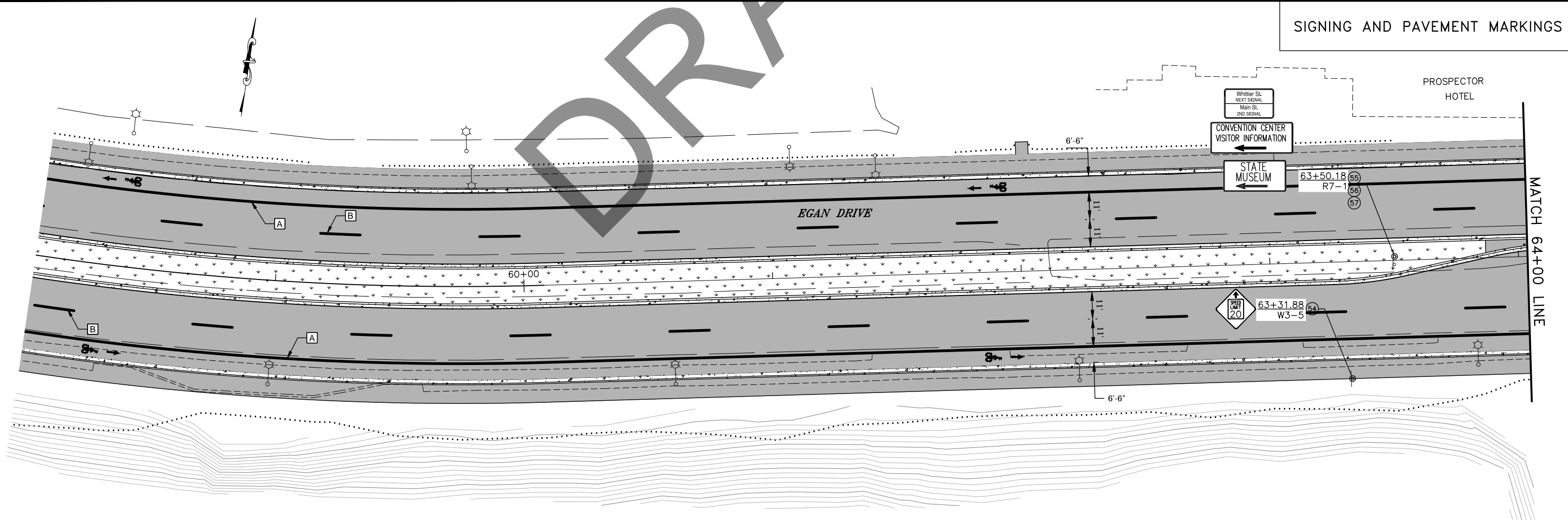
**STRIPING LEGEND**

SYMBOL	DESCRIPTION	WIDTH	PATTERN	L.F.
A	SOLID WHITE	4"		--
B	BROKEN WHITE	4"	10' 30' 10'	--
C	DASHED WHITE	4"	2' 6' 2'	--
D	SOLID WHITE	24"		--
E	SOLID WHITE	8"		--
F	SOLID WHITE	18"		--
G	BROKEN YELLOW	4"	10' 30' 10'	--
H	BROKEN YELLOW	4"	10' 30' 10'	--
I	SOLID DOUBLE YELLOW	4"		--
J	SOLID YELLOW	18"		--
K	YELLOW CURB	--		--

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	NH-0932(047)/69393	2015	H2	H7

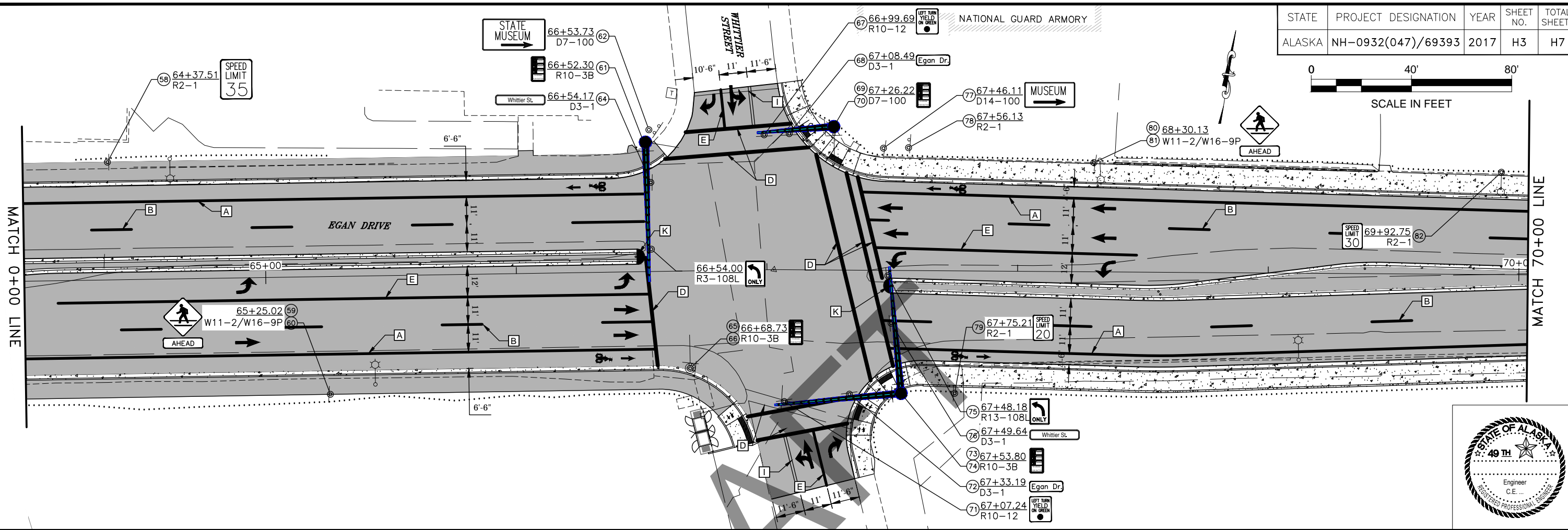
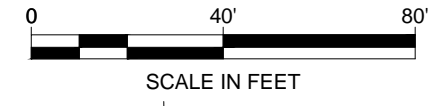


**SIGNING AND PAVEMENT MARKINGS**



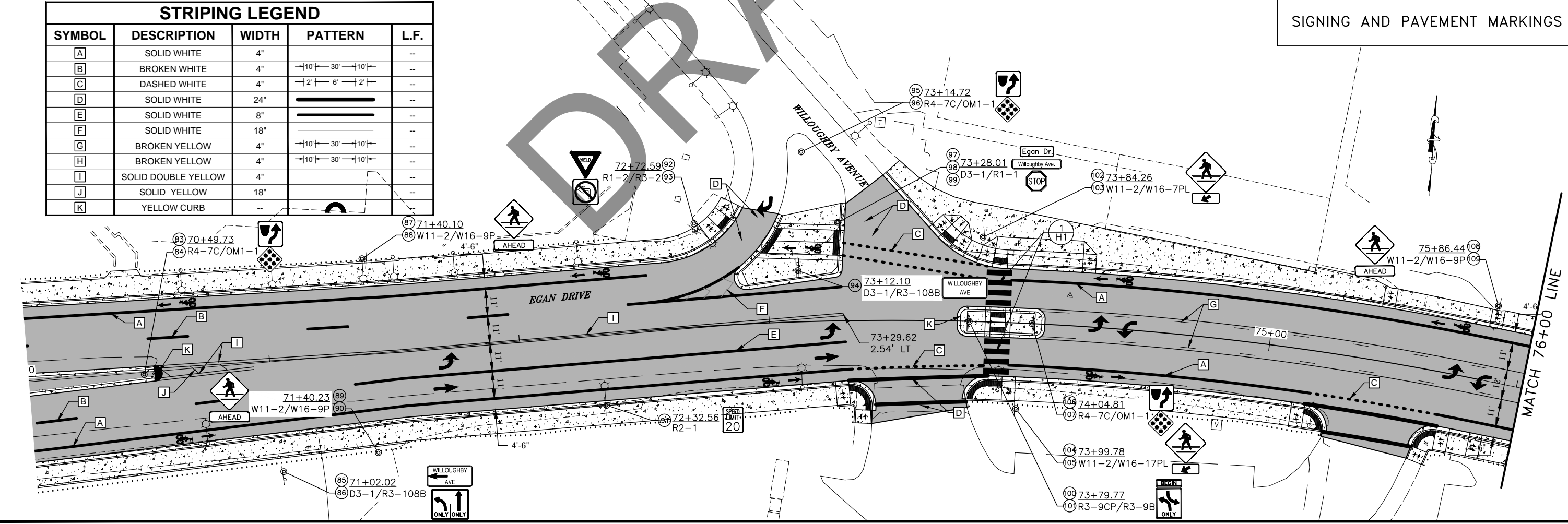
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STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	NH-0932(047)/69393	2017	H3	H7



SIGNING AND PAVEMENT MARKINGS

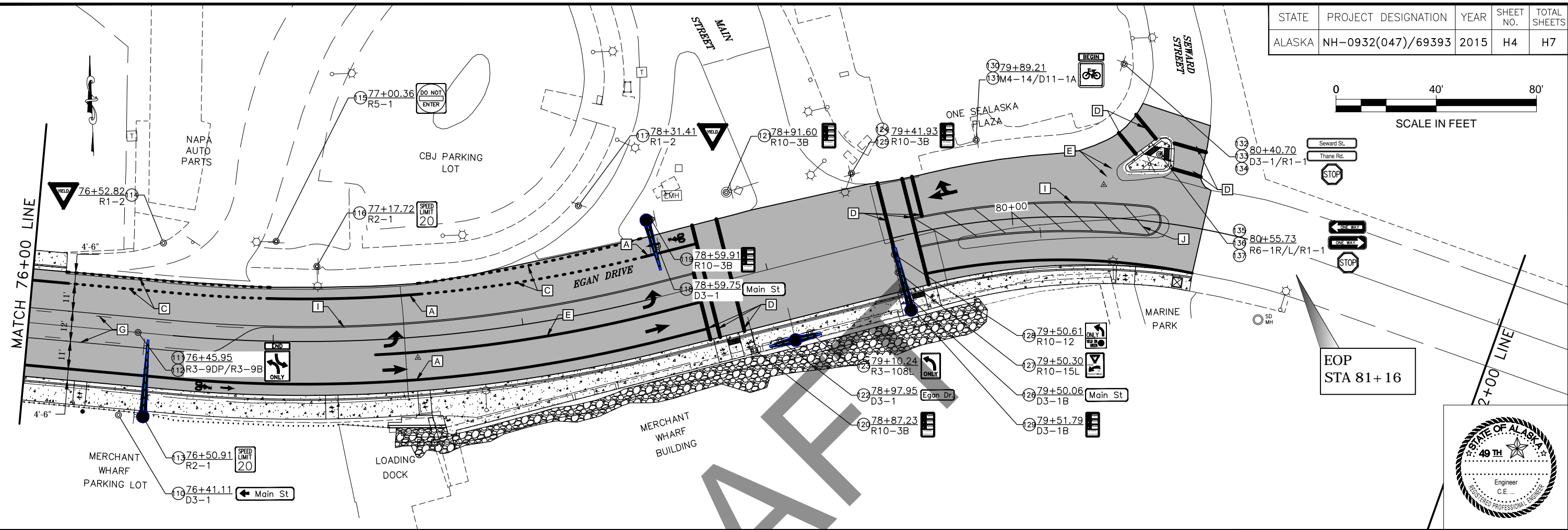
STRIPING LEGEND				
SYMBOL	DESCRIPTION	WIDTH	PATTERN	L.F.
A	SOLID WHITE	4"	—	--
B	BROKEN WHITE	4"	— 10' —30' —10' —	--
C	DASHED WHITE	4"	— 2' —6' —2' —	--
D	SOLID WHITE	24"	—————	--
E	SOLID WHITE	8"	—————	--
F	SOLID WHITE	18"	—————	--
G	BROKEN YELLOW	4"	— 10' —30' —10' —	--
H	BROKEN YELLOW	4"	— 10' —30' —10' —	--
I	SOLID DOUBLE YELLOW	4"	—————	--
J	SOLID YELLOW	18"	—————	--
K	YELLOW CURB	--	—	--



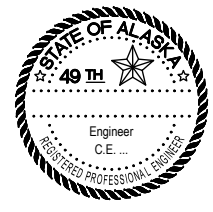


FILE Q:\nu\69393\PlanSet\69393\_H1-H7\_SignStripe.dwg DATE 6/6/2017 12:04 LAYOUT H4 DESIGNED NG,DP CHECKED CT DRAFTED NG,RG

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	NH-0932(047)/69393	2015	H4	H7



EOP  
STA 81+16



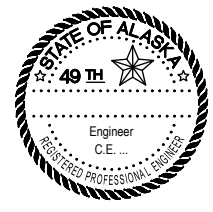
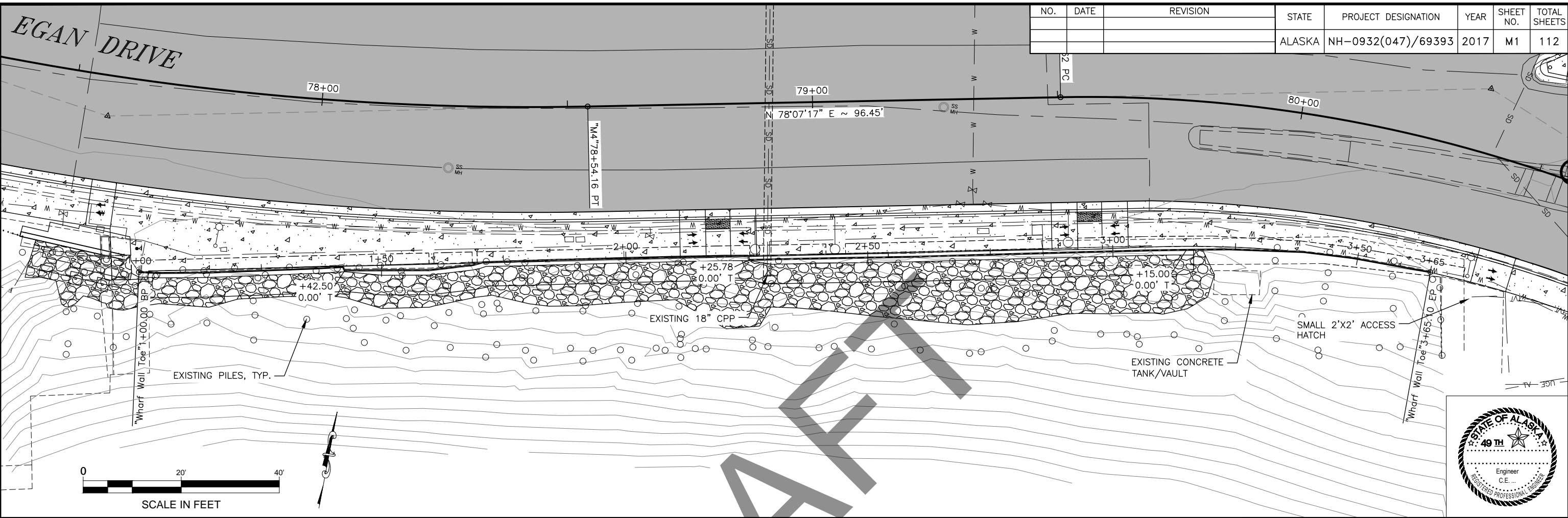
SIGNING AND PAVEMENT MARKINGS

STRIPING LEGEND

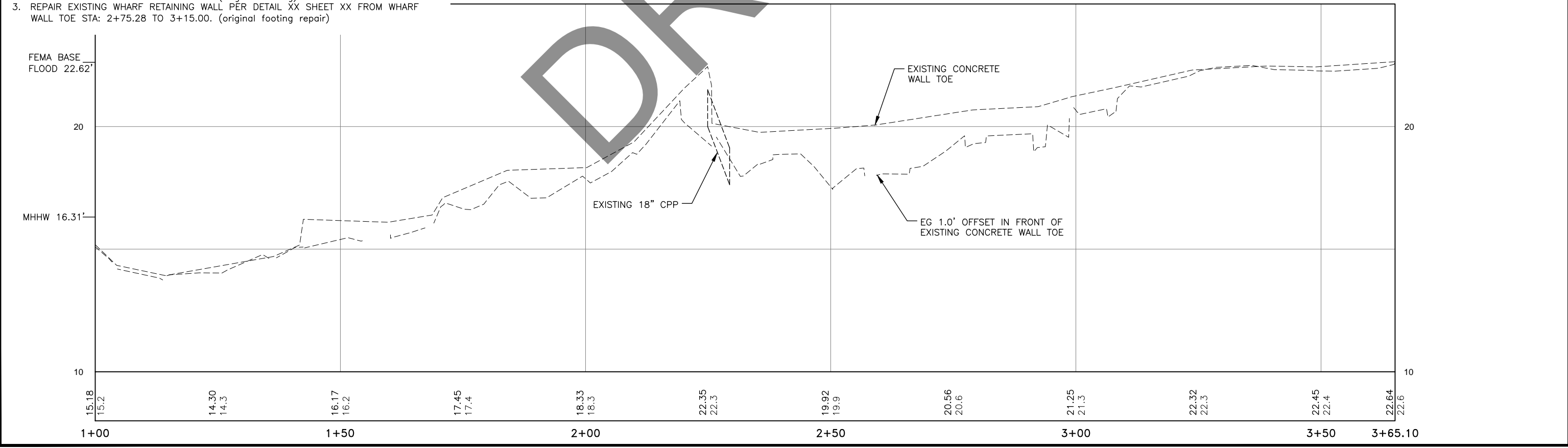
SYMBOL	DESCRIPTION	WIDTH	PATTERN	L.F.
A	SOLID WHITE	4"	—	--
B	BROKEN WHITE	4"	- 10 -30- 10 -	--
C	DASHED WHITE	4"	- 2 -6- 2 -	--
D	SOLID WHITE	24"	=====	--
E	SOLID WHITE	8"	=====	--
F	SOLID WHITE	18"	=====	--
G	BROKEN YELLOW	4"	- 10 -30- 10 -	--
H	BROKEN YELLOW	4"	- 10 -30- 10 -	--
I	SOLID DOUBLE YELLOW	4"	=====	--
J	SOLID YELLOW	18"	=====	--
K	YELLOW CURB	--	◐	--

FILE: Q:\nu\69393\Plmset\69393\_M1-M3\_Wall\_Repair\_Details.dwg DATE: 5/24/2017 8:29 LAYOUT: M1 CHECKED: CT DRAFTED: NG,RC

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	NH-0932(047)/69393	2017	M1	112

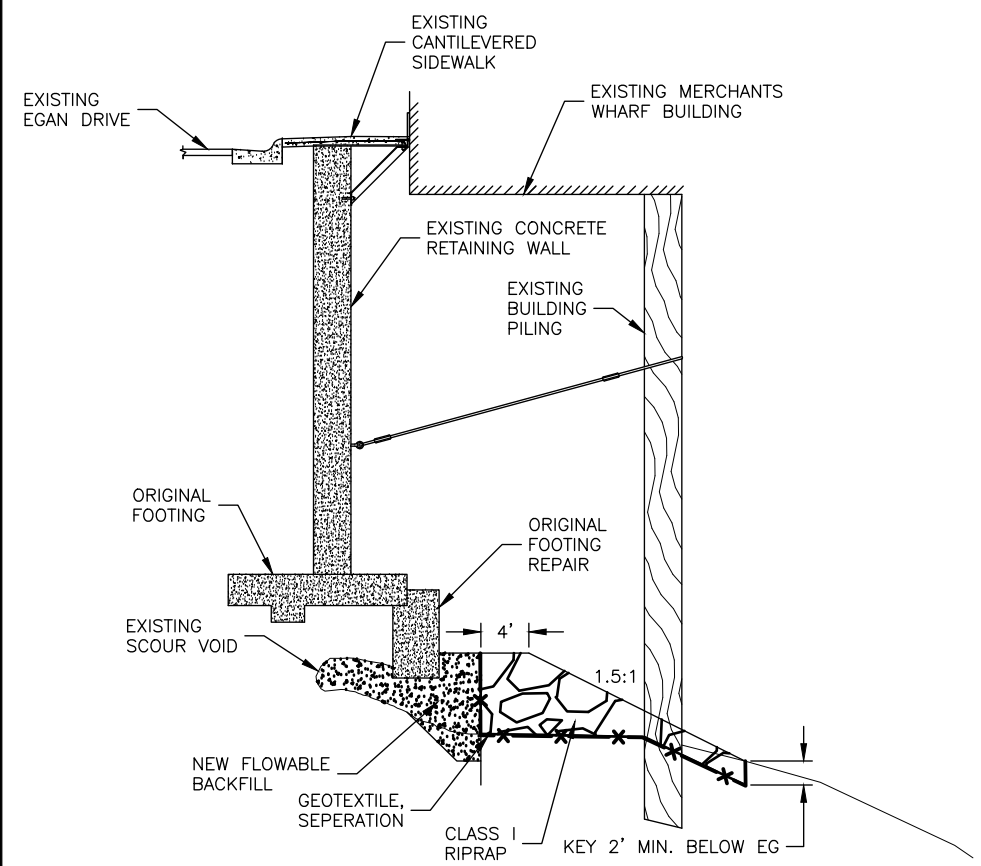


- NOTES:
1. INSTALL RIPRAP PROTECTION PER DETAIL XX SHEET XX FROM WHARF WALL TOE STA: 1+00.00 TO 1+42.50.
  2. REPAIR EXISTING WHARF RETAINING WALL PER DETAIL XX SHEET XX FROM WHARF WALL TOE STA: 1+42.50 TO 2+75.28. (original footing)
  3. REPAIR EXISTING WHARF RETAINING WALL PER DETAIL XX SHEET XX FROM WHARF WALL TOE STA: 2+75.28 TO 3+15.00. (original footing repair)

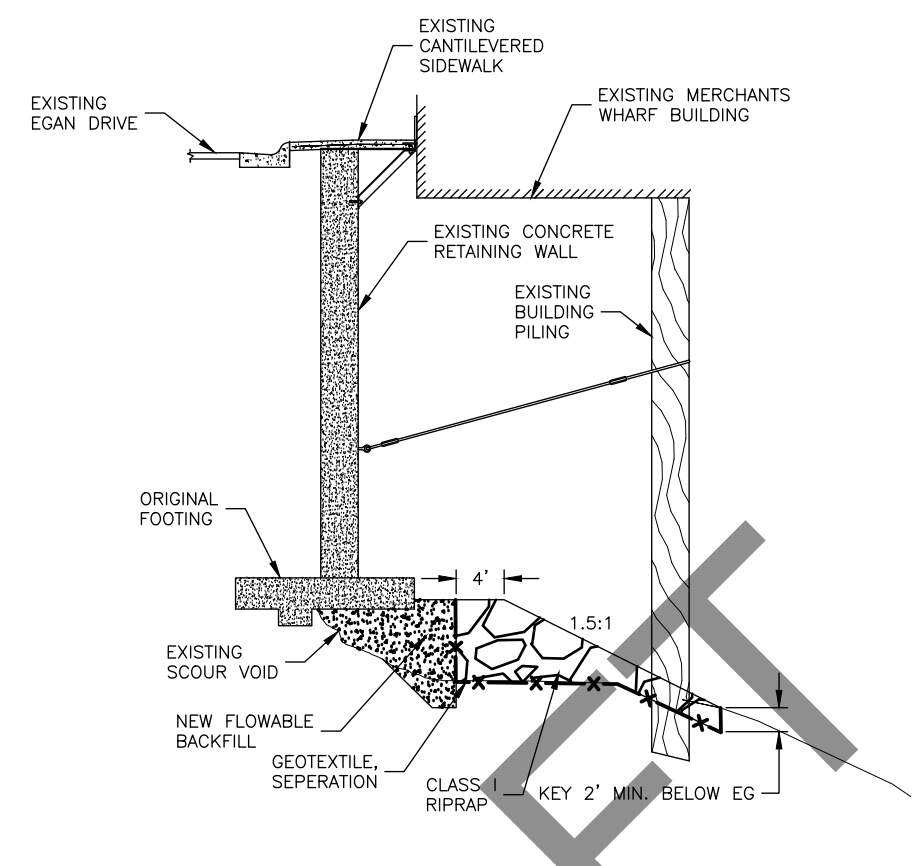


FILE G:\nu\69393\Plmset\69393\_M1-M3\_Wall\_Repair\_Details.dwg DATE 5/24/2017 8:29 LAYOUT M2 DESIGNED NG,DP CHECKED CT DRAFTED NG,RC

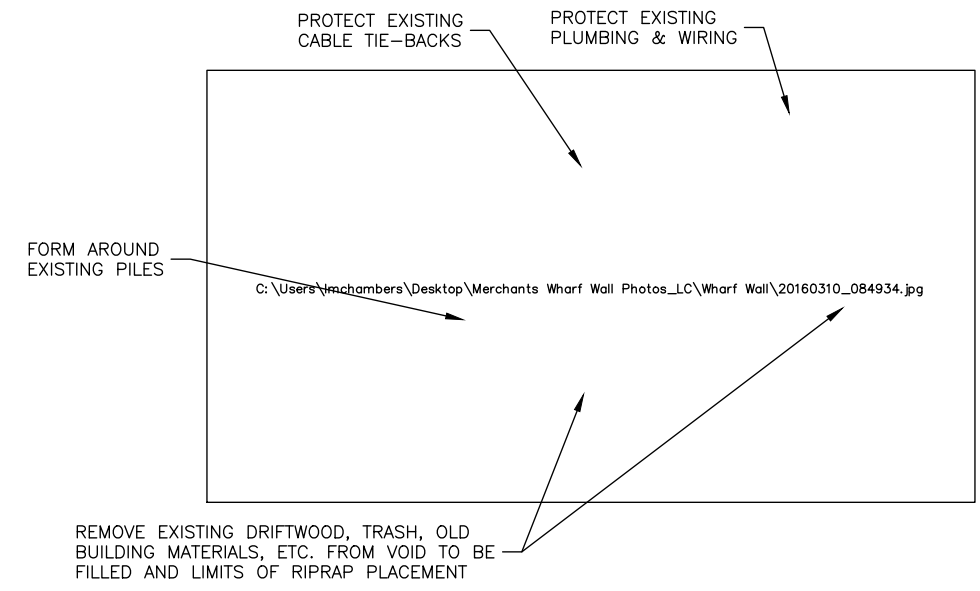
NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	NH-0932(047)/69393	2017	M2	M10



1 WHARF RETAINING WALL REPAIRS – SECTION VIEW  
SCALE: N.T.S.

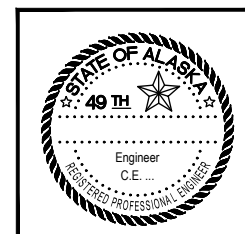


2 WHARF RETAINING WALL REPAIRS – SECTION VIEW  
SCALE: N.T.S.



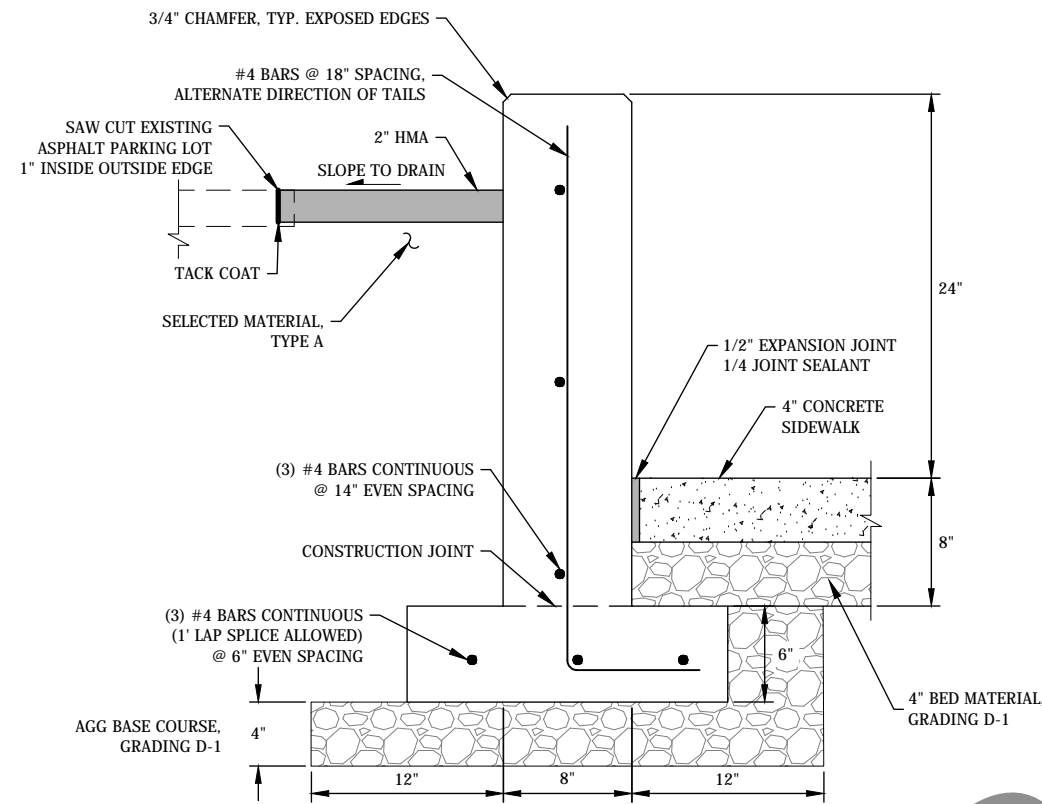
**NOTES:**

1. THE EXISTING CONCRETE RETAINING WALL IS UNDERMINED DUE TO WAVE SCOUR ACTION. THE INTENT OF THE REPAIR IS TO FILL THE VOID UNDER THE RETAINING WALL FOOTING AND PREVENT FUTURE WAVE SCOUR.
2. THE CONTRACTOR IS REQUIRED TO SUBMIT A WORK PLAN AND BE APPROVED PRIOR TO ANY WORK BEING PERFORMED ON THE WALL REPAIR PER SECTION XXX.
  - 2.1. PERFORM A PRECONSTRUCTION BUILDING INSPECTION SURVEY.
  - 2.2. MONITOR FOR BUILDING MOVEMENT DURING CONSTRUCTION.
  - 2.3. HOW DO PLAN TO ACCESS WORK AREA?
  - 2.4. FORMING PLAN FOR FLOWABLE FILL? HOW FORMS WILL BE INSTALLED AROUND EXISTING OBSTRUCTIONS.
  - 2.5. PLAN FOR LIMITING FILL MIGRATION INTO EXISTING EMBANKMENT. (GROUTED SOCKS, PLASTIC, SEPARATION FABRIC)
3. REMOVE ALL LOSE OCEAN DEBRIS, BUILDING MATERIALS, TRASH AND ORGANIC MATER PRIOR TO FILLING VOID WITH FLOWABLE BACKFILL.
4. FLOWABLE FILL SHALL EXTEND 2" MIN –6" MAX ABOVE ORIGINAL FOOTING OR ORIGINAL FOOTING REPAIR WHEN PRESENT.
5. MINIMIZE THE WIDTH OF FLOWABLE FILL IN-FRONT OF EXISTING RETAINING WALL TO THE SHORTEST WIDTH ALLOWED DUE TO EXISTING OBSTRUCTIONS.
6. LIMIT FLOWABLE FILL PLACEMENT TO 25' MAXIMUM HORIZONTAL SECTIONS AT ONE TIME TO HELP MITIGATE AND MAINTAIN FLOWABLE FROM ESCAPING INTO VOIDS.
7. PLACE RIPRAP SO AS NOT TO DAMAGE EXISTING PILES.
8. CONTRACTOR SHALL BE RESPONSIBLE FOR AVOIDABLE DAMAGE TO THE EXISTING FACILITY.

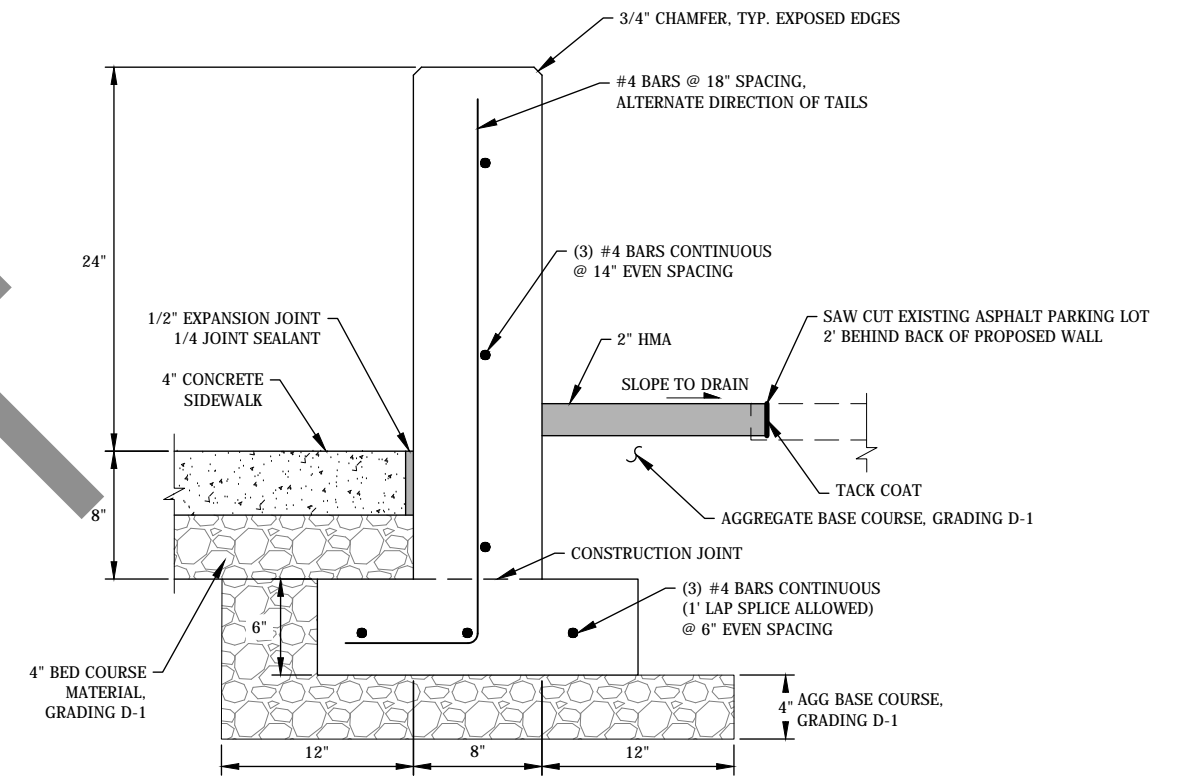


STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
AND PUBLIC FACILITIES  
**EGAN DR IMPROVEMENTS,  
MAIN ST. TO 10TH ST**  
  
WHARF WALL REPAIR DETAILS

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	NH-0932(047)/69393	2017	M3	M10



1  
M3  
CONCRETE RETAINING WALL LEFT - SECTION VIEW  
SCALE: N.T.S.

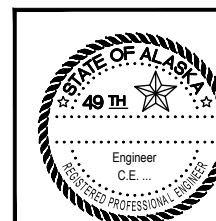


2  
M3  
CONCRETE RETAINING WALL RIGHT - SECTION VIEW  
SCALE: N.T.S.

**NOTES:**

1. VERTICAL BARS SHALL BE ACCURATELY POSITIONED AT THE CENTER OF WALL.
2. USE CLASS 'A' CONCRETE.
3. BAR REINFORCEMENT SHALL CONFORM TO ASTM A615 GRADE 60.
4. 3" MIN BAR CLEARANCE WHEN CASTING AGAINST GROUND, 2" MIN CLEAR EVERY WHERE ELSE.

DRAFT



STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
AND PUBLIC FACILITIES  
**EGAN DR IMPROVEMENTS,  
MAIN ST. TO 10TH ST**

WALL DETAILS

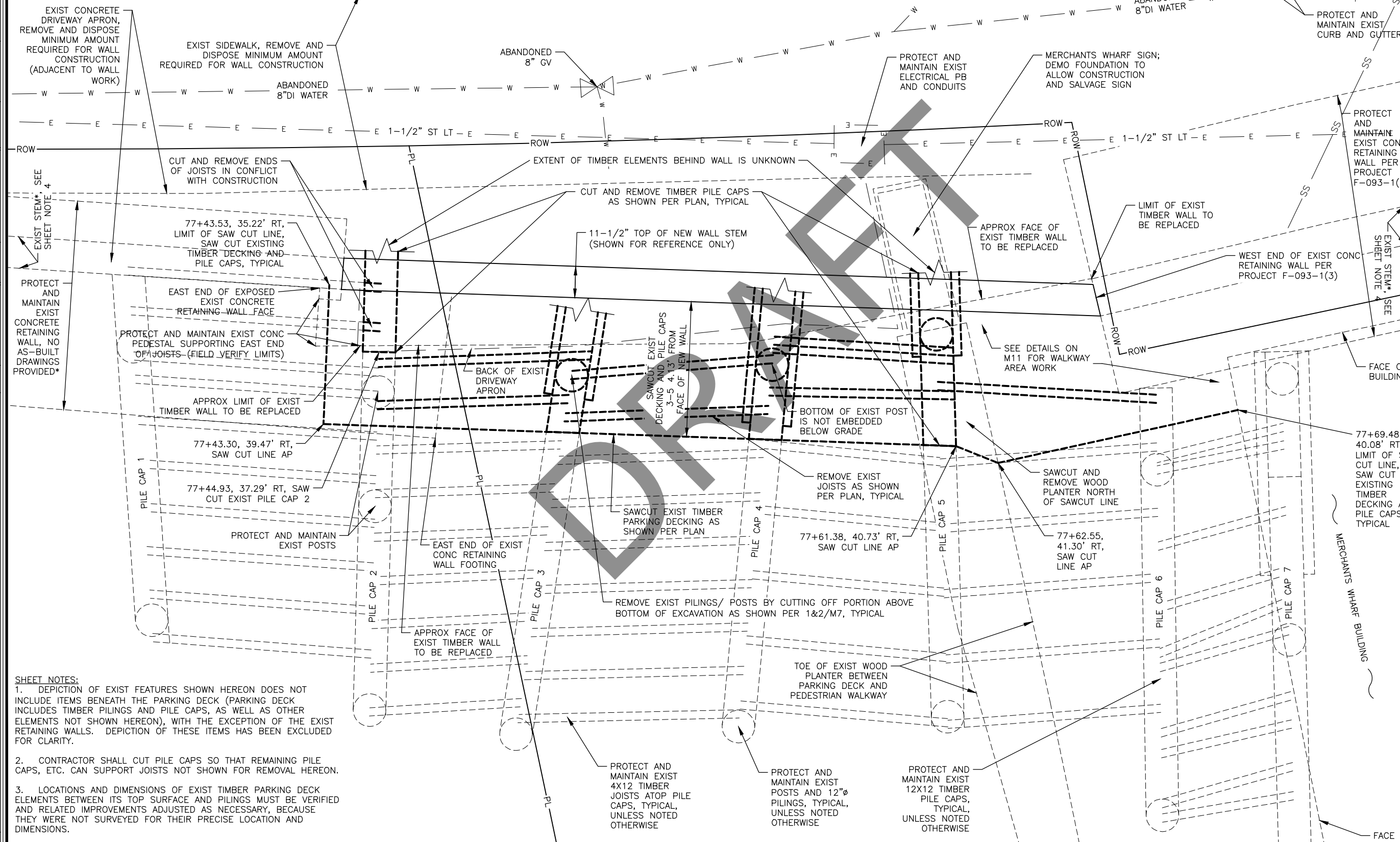
FILE Q:\nu\69393\Plmset\69393\_M1-M3\_Wall Repair\_Details.dwg DATE 5/24/2017 8:29 LAYOUT M3 CHECKED CT DESIGNED NG,DP DRAFTED NG,RC

FILE I:\2016\160930\N-ADDOT\_Egan\_Wharf\Ret\_Wall\069393\_M\_DTL&P.dwg DATE 4/17/2017 16:44 LAYOUT M04 CHECKED M.STORY DESIGNED M.STORY DRAFTED B.POLLARD

EGAN DRIVE (ASPHALT)



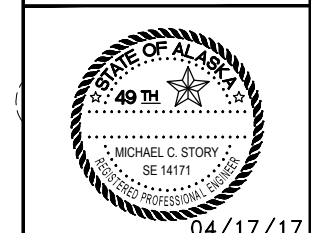
SHEET NO.	TOTAL SHEETS
M4	M12
STATE	YEAR
ALASKA	2016
PROJECT DESIGNATION	
NH-0932(047)/69393	



**SHEET NOTES:**  
1. DEPICTION OF EXIST FEATURES SHOWN HEREON DOES NOT INCLUDE ITEMS BENEATH THE PARKING DECK (PARKING DECK INCLUDES TIMBER PILING AND PILE CAPS, AS WELL AS OTHER ELEMENTS NOT SHOWN HEREON), WITH THE EXCEPTION OF THE EXIST RETAINING WALLS. DEPICTION OF THESE ITEMS HAS BEEN EXCLUDED FOR CLARITY.  
2. CONTRACTOR SHALL CUT PILE CAPS SO THAT REMAINING PILE CAPS, ETC. CAN SUPPORT JOISTS NOT SHOWN FOR REMOVAL HEREON.  
3. LOCATIONS AND DIMENSIONS OF EXIST TIMBER PARKING DECK ELEMENTS BETWEEN ITS TOP SURFACE AND PILING MUST BE VERIFIED AND RELATED IMPROVEMENTS ADJUSTED AS NECESSARY, BECAUSE THEY WERE NOT SURVEYED FOR THEIR PRECISE LOCATION AND DIMENSIONS.  
4. \* - BACKFILLED SIDE OF EXIST WALLS COULD NOT BE VERIFIED

REVISION NO.	DATE	DESCRIPTION


PLANS DEVELOPED BY:  
PDC INC. ENGINEERS  
6205 GLACIER HIGHWAY  
JUNEAU, AK 99801  
(907) 780-6060  
AECC605



STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES  
EGAN DR IMPROVEMENTS,  
MAIN ST. TO 10TH ST  
JUNEAU, AK

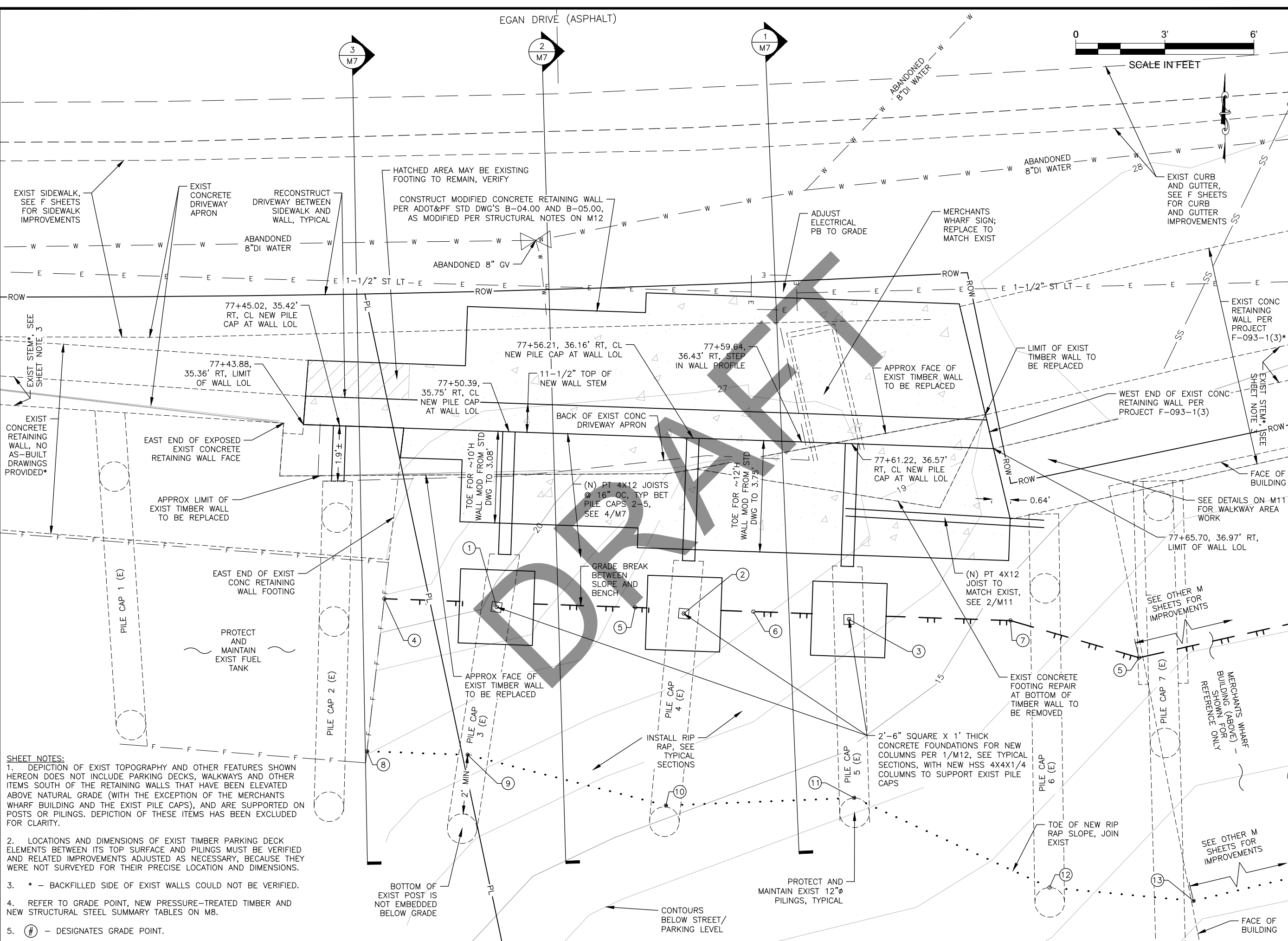
DEMO PLAN-MERCHANTS WHARF TIMBER WALL REPLACEMENT

FILE I:\2016\160930\NH-ADOT\_Egan\_Ret\_Wall\160930\_M\_DTL&RIP.dwg DATE 4/17/2017 16:44 LAYOUT M05 DESIGNED M.STORY CHECKED M.STORY DRAFTED B.POLLARD

EGAN DRIVE (ASPHALT)



SHEET NO.	TOTAL SHEETS
M5	M12
STATE	YEAR
ALASKA	2016
PROJECT DESIGNATION	
NH-0932(047)/69393	



- SHEET NOTES:**
1. DEPICTION OF EXIST TOPOGRAPHY AND OTHER FEATURES SHOWN HEREON DOES NOT INCLUDE PARKING DECKS, WALKWAYS AND OTHER ITEMS SOUTH OF THE RETAINING WALLS THAT HAVE BEEN ELEVATED ABOVE NATURAL GRADE (WITH THE EXCEPTION OF THE MERCHANTS WHARF BUILDING AND THE EXIST PILE CAPS), AND ARE SUPPORTED ON POSTS OR PILINGS. DEPICTION OF THESE ITEMS HAS BEEN EXCLUDED FOR CLARITY.
  2. LOCATIONS AND DIMENSIONS OF EXIST TIMBER PARKING DECK ELEMENTS BETWEEN ITS TOP SURFACE AND PILINGS MUST BE VERIFIED AND RELATED IMPROVEMENTS ADJUSTED AS NECESSARY, BECAUSE THEY WERE NOT SURVEYED FOR THEIR PRECISE LOCATION AND DIMENSIONS.
  3. \* - BACKFILLED SIDE OF EXIST WALLS COULD NOT BE VERIFIED.
  4. REFER TO GRADE POINT, NEW PRESSURE-TREATED TIMBER AND NEW STRUCTURAL STEEL SUMMARY TABLES ON M8.
  5. (#) - DESIGNATES GRADE POINT.

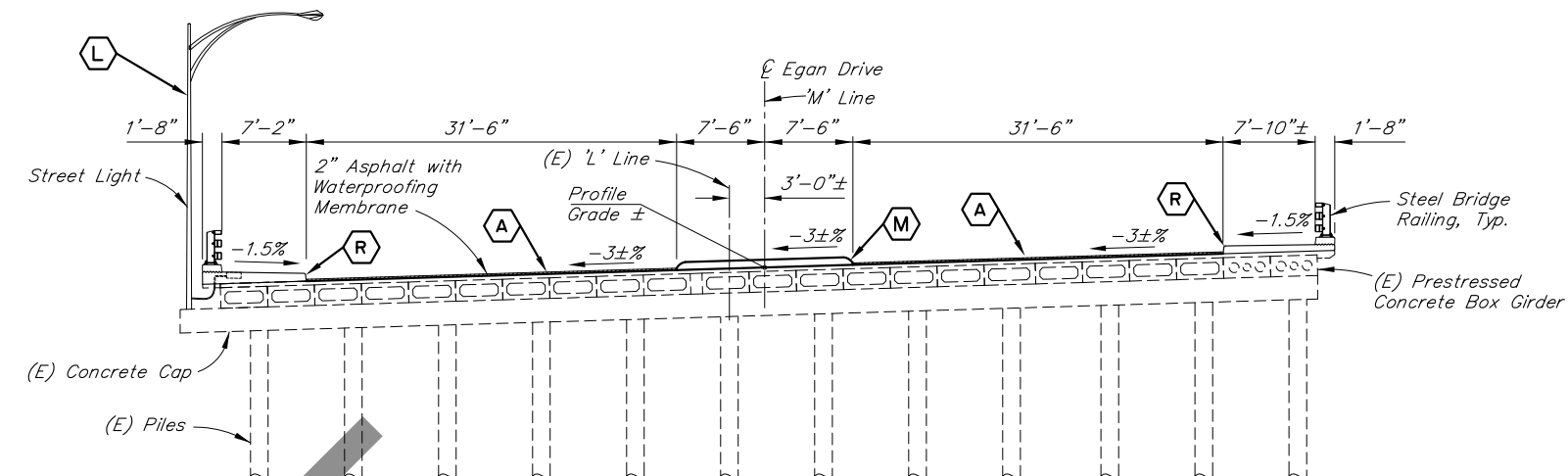
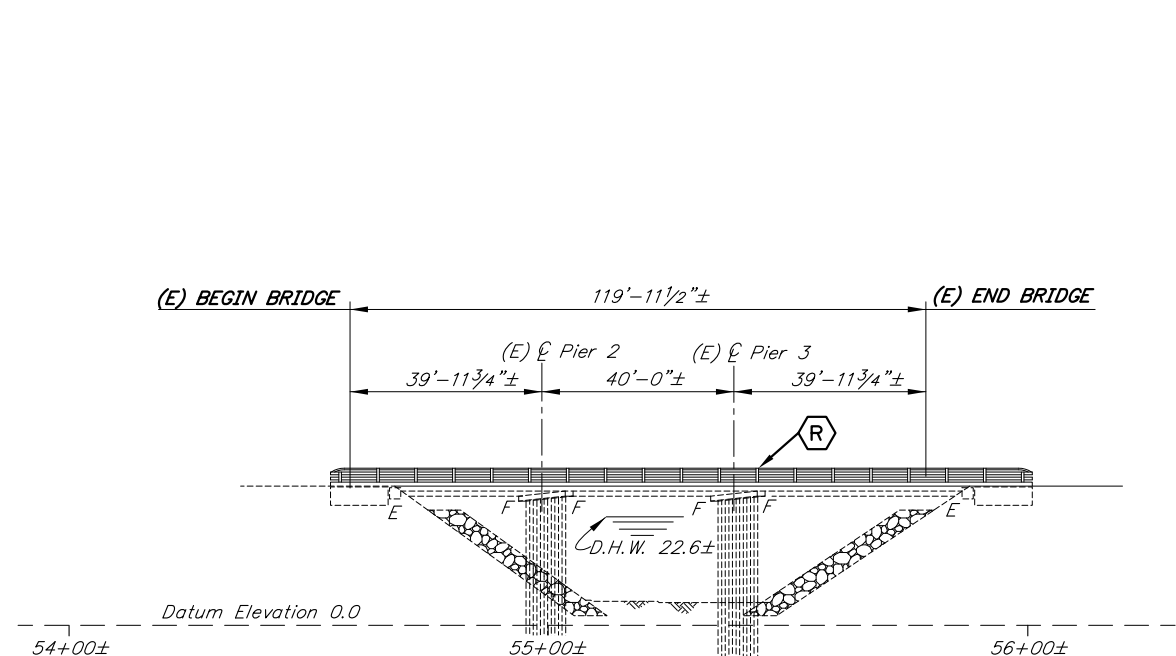
REVISION	
DATE	
NO.	

PLANS DEVELOPED BY:  
 PDC INC. ENGINEERS  
 6205 GLACIER HIGHWAY  
 JUNEAU, AK 99801  
 (907) 780-6060  
 AECC605

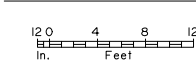


04/17/17  
 STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES  
**EGAN DR IMPROVEMENTS, MAIN ST. TO 10TH ST JUNEAU, AK**  
 PLAN - MERCHANTS WHARF TIMBER WALL REPLACEMENT

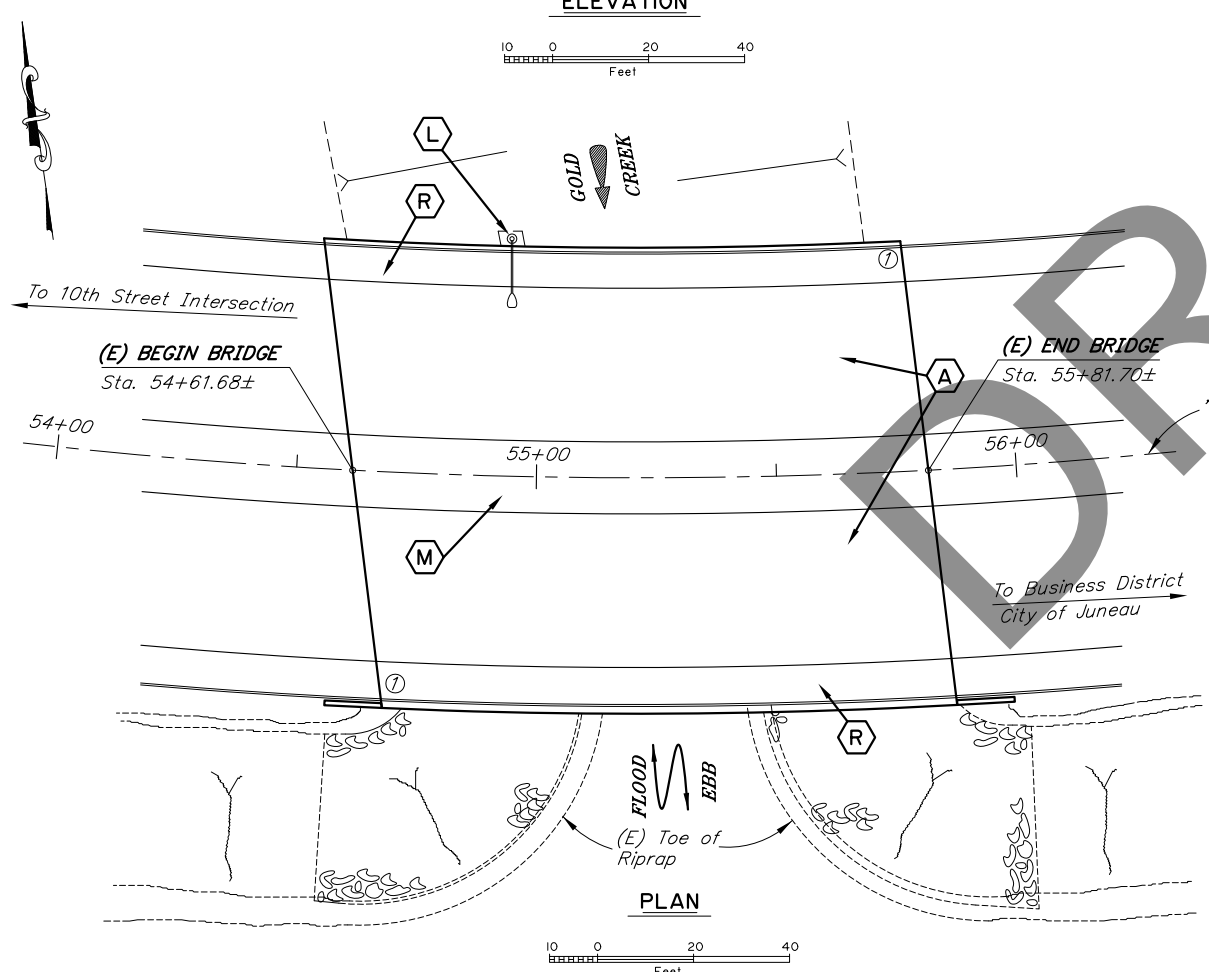
STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	NH-0932(047)/69393	2017	N1	N7



TYPICAL SECTION



BRIDGE DRAWING INDEX	
TITLE	DWG. NO.
GENERAL LAYOUT	1
GENERAL NOTES	2
TYPICAL SECTIONS	3
DETAILS	4
RAILING LAYOUT	5
STEEL BRIDGE RAILING	6
LIGHT POLE CONDUIT DETAILS	7



**CURVE DATA:**  
M" 54+52.23± PI  
Δ = 61°54'24"±  
D = 4°57'23"±  
T = 693.32±  
L = 1249.03±  
R = 1156.00±

**REHABILITATION**

LEGEND	
(A)	Remove and Replace Asphalt and Waterproofing Membrane
(L)	Remove and Replace Street Light
(M)	Remove and Replace Center Median
(R)	Remove and Replace Sidewalk and Steel Bridge Railing


**NOTES:**  
(E) = Existing  
--- = Existing  
— = Proposed  
Bridge stations are approximations based on as-built drawings. For project stations and elevations see the Roadway Sheets.  
① Approximate location of bridge number plates.

R:\cod\732\732 GENERAL LAYOUT Tue, Jun/06/17 01:12pm

DESIGNED BY: Elmer Marx	CHECKED: Mary McRae	LAYOUT BY: Elmer Marx	CHECKED BY: Mary McRae
DRAWN BY: Sam Sallie	CHECKED: Elmer Marx	SPECIFICATIONS BY: Elmer Marx	P S & E COMPARED: Mary McRae
QUANTITIES BY: Elmer Marx	CHECKED: Mary McRae	APPROVAL RECOMMENDED BY:	Rich Pratt

STATE OF ALASKA  
**DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES**  
BRIDGE SECTION  
3132 Channel Drive  
Juneau, Alaska 99801  
907-465-2975

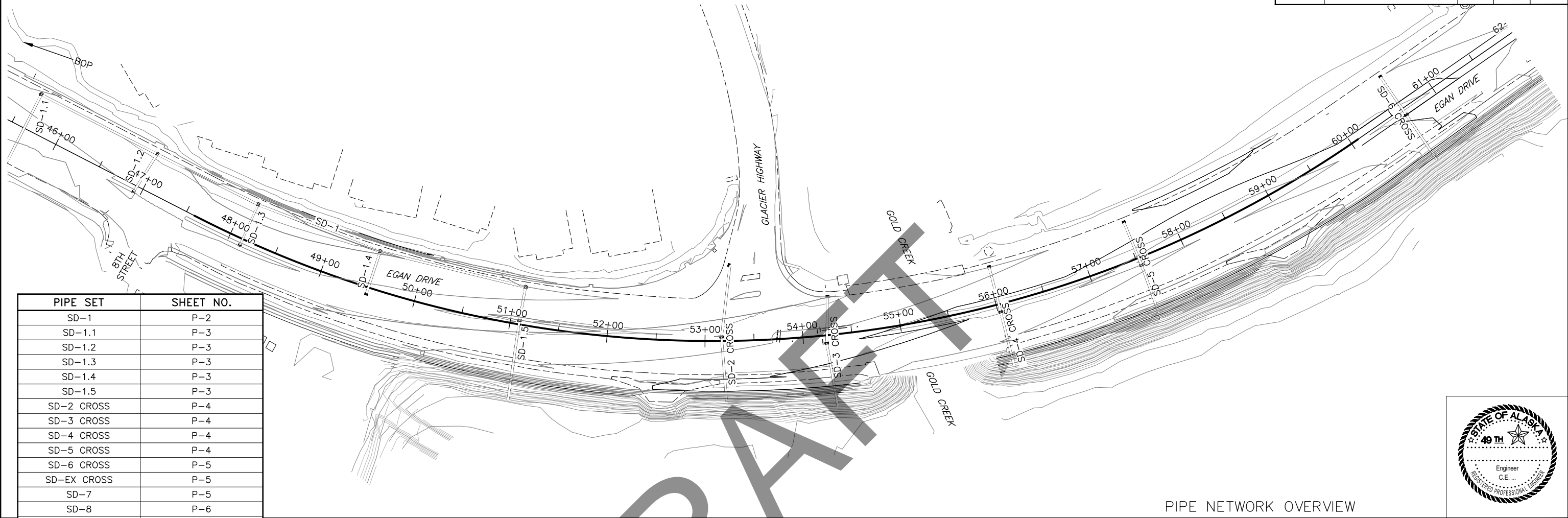
**GOLD CREEK BRIDGE**  
EGAN DRIVE  
**GENERAL LAYOUT**



BRIDGE NO. 732  
DWG. NO. 1

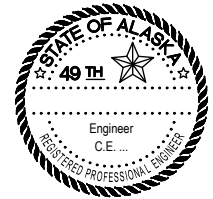
STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	NH-0932(047)/69393	2017	P1	P8

FIRM STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES  
 FILE Q:\nu\69393\PlanSet\69393\_P1-P8\_Storm\_Drain.dwg  
 ADDRESS 6860 GLACIER HWY, JUNEAU, AK 99811  
 PHONE (907) 465-1763  
 DESIGNED NG,DP  
 CHECKED CT  
 DRAFTED IN,RG  
 CERTIFICATE OF AUTH #:  
 DATE 6/6/2017 14:10 LAYOUT P1



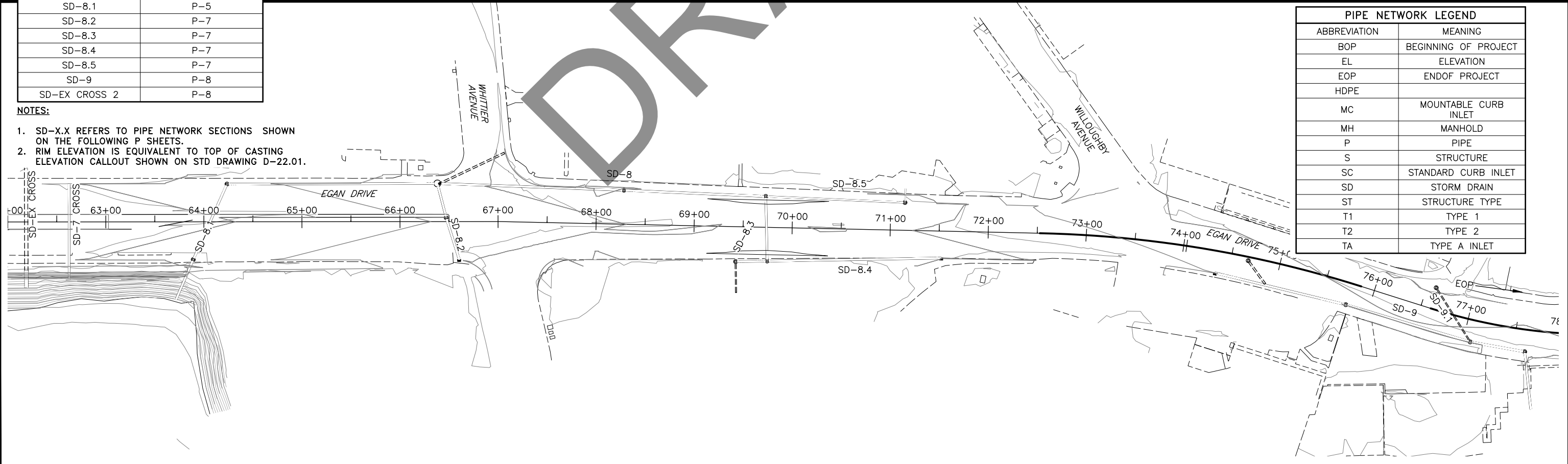
PIPE SET	SHEET NO.
SD-1	P-2
SD-1.1	P-3
SD-1.2	P-3
SD-1.3	P-3
SD-1.4	P-3
SD-1.5	P-3
SD-2 CROSS	P-4
SD-3 CROSS	P-4
SD-4 CROSS	P-4
SD-5 CROSS	P-4
SD-6 CROSS	P-5
SD-EX CROSS	P-5
SD-7	P-5
SD-8	P-6
SD-8.1	P-5
SD-8.2	P-7
SD-8.3	P-7
SD-8.4	P-7
SD-8.5	P-7
SD-9	P-8
SD-EX CROSS 2	P-8

PIPE NETWORK OVERVIEW



- NOTES:**
- SD-X.X REFERS TO PIPE NETWORK SECTIONS SHOWN ON THE FOLLOWING P SHEETS.
  - RIM ELEVATION IS EQUIVALENT TO TOP OF CASTING ELEVATION CALLOUT SHOWN ON STD DRAWING D-22.01.

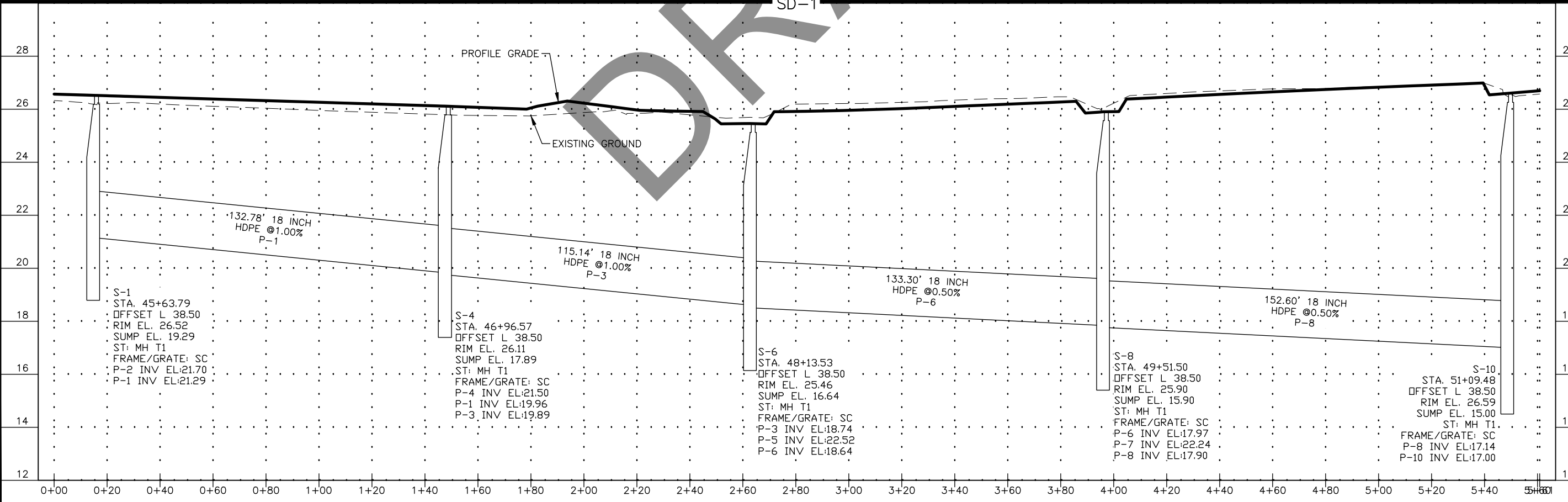
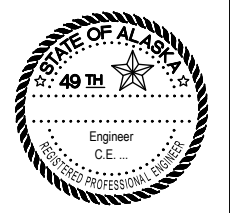
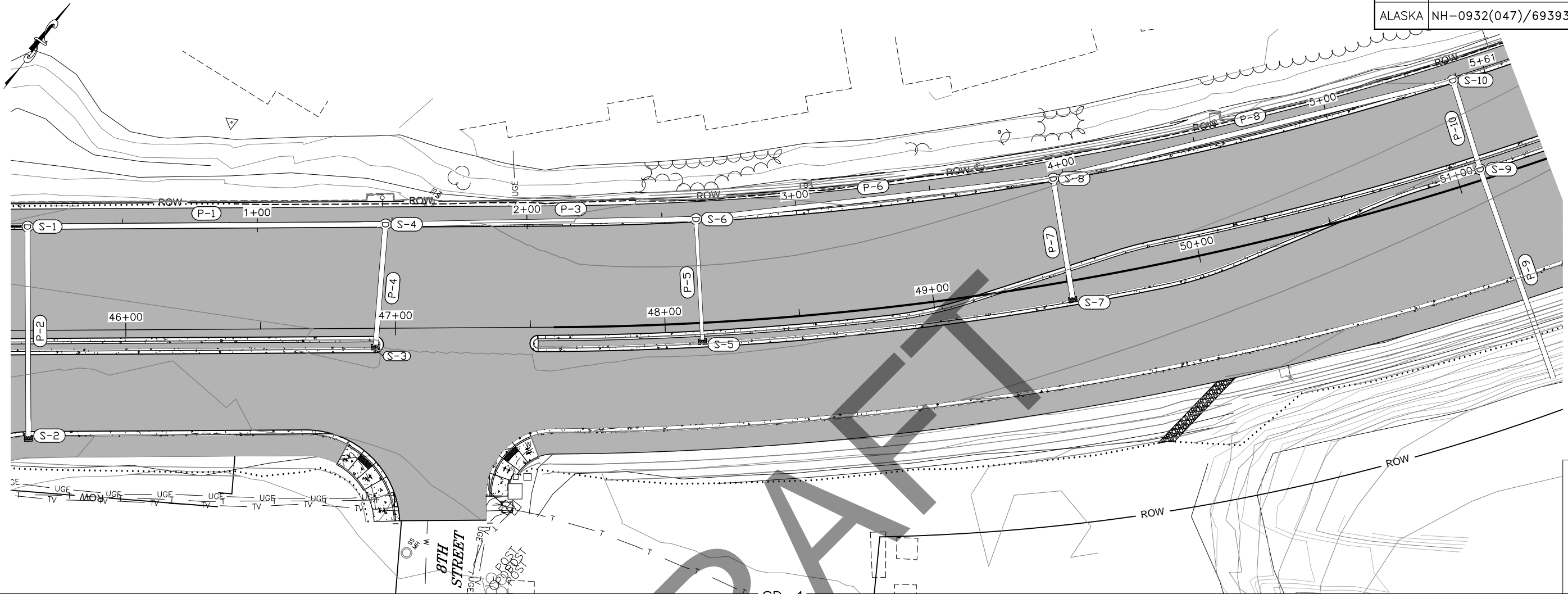
PIPE NETWORK LEGEND	
ABBREVIATION	MEANING
BOP	BEGINNING OF PROJECT
EL	ELEVATION
EOP	END OF PROJECT
HDPE	
MC	MOUNTABLE CURB INLET
MH	MANHOLD
P	PIPE
S	STRUCTURE
SC	STANDARD CURB INLET
SD	STORM DRAIN
ST	STRUCTURE TYPE
T1	TYPE 1
T2	TYPE 2
TA	TYPE A INLET



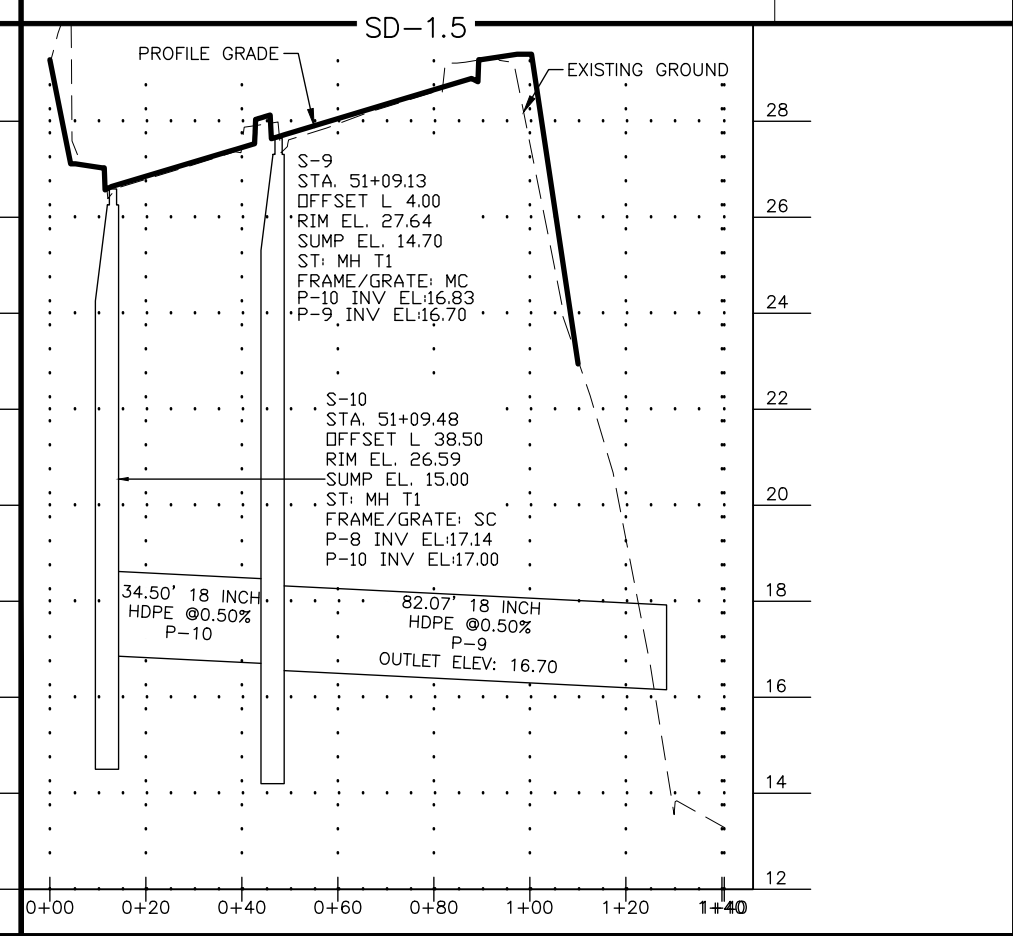
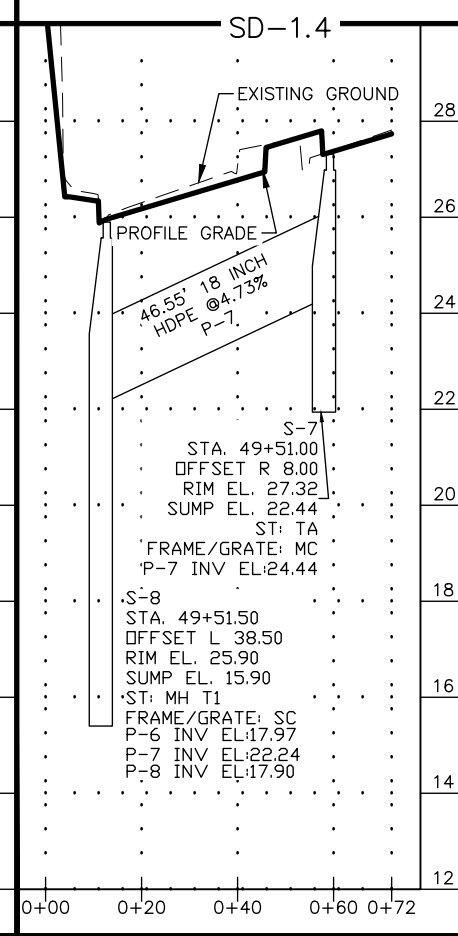
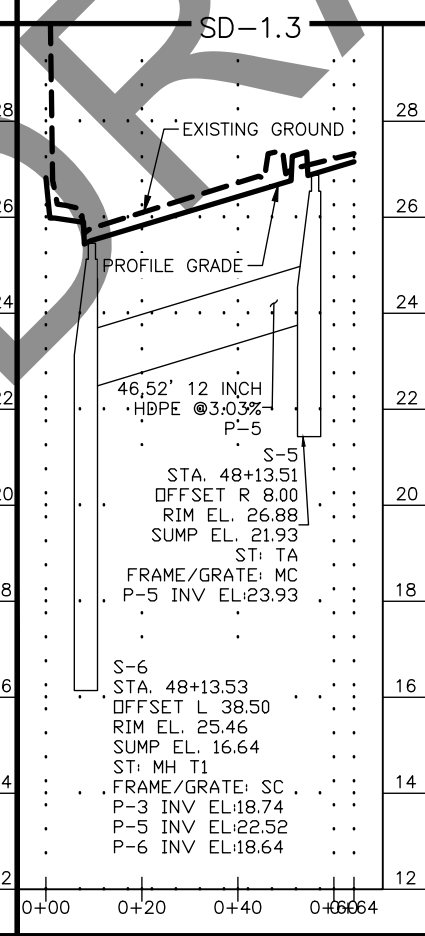
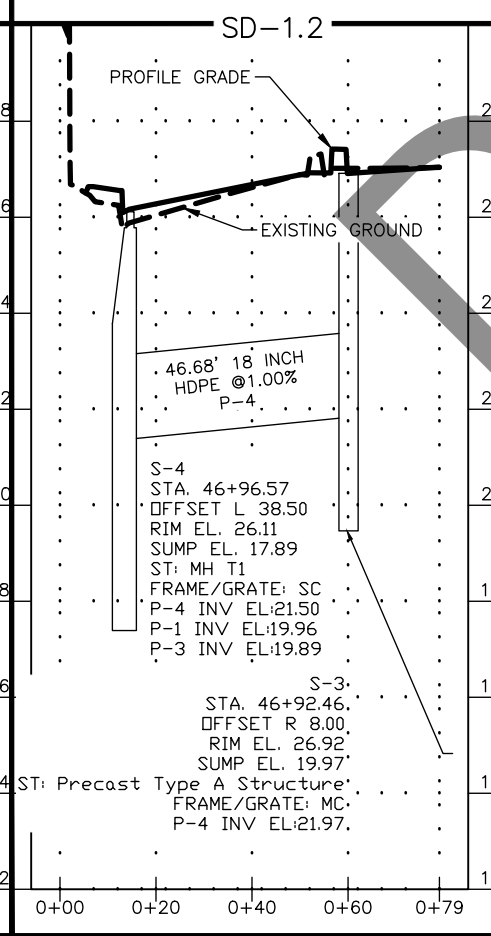
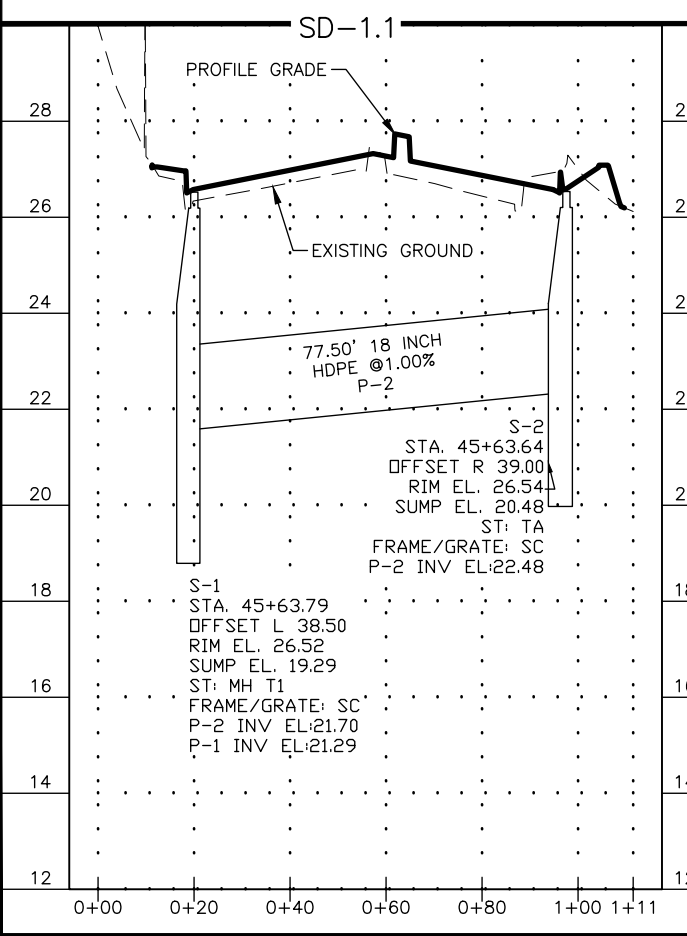
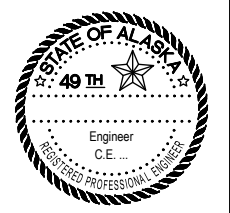
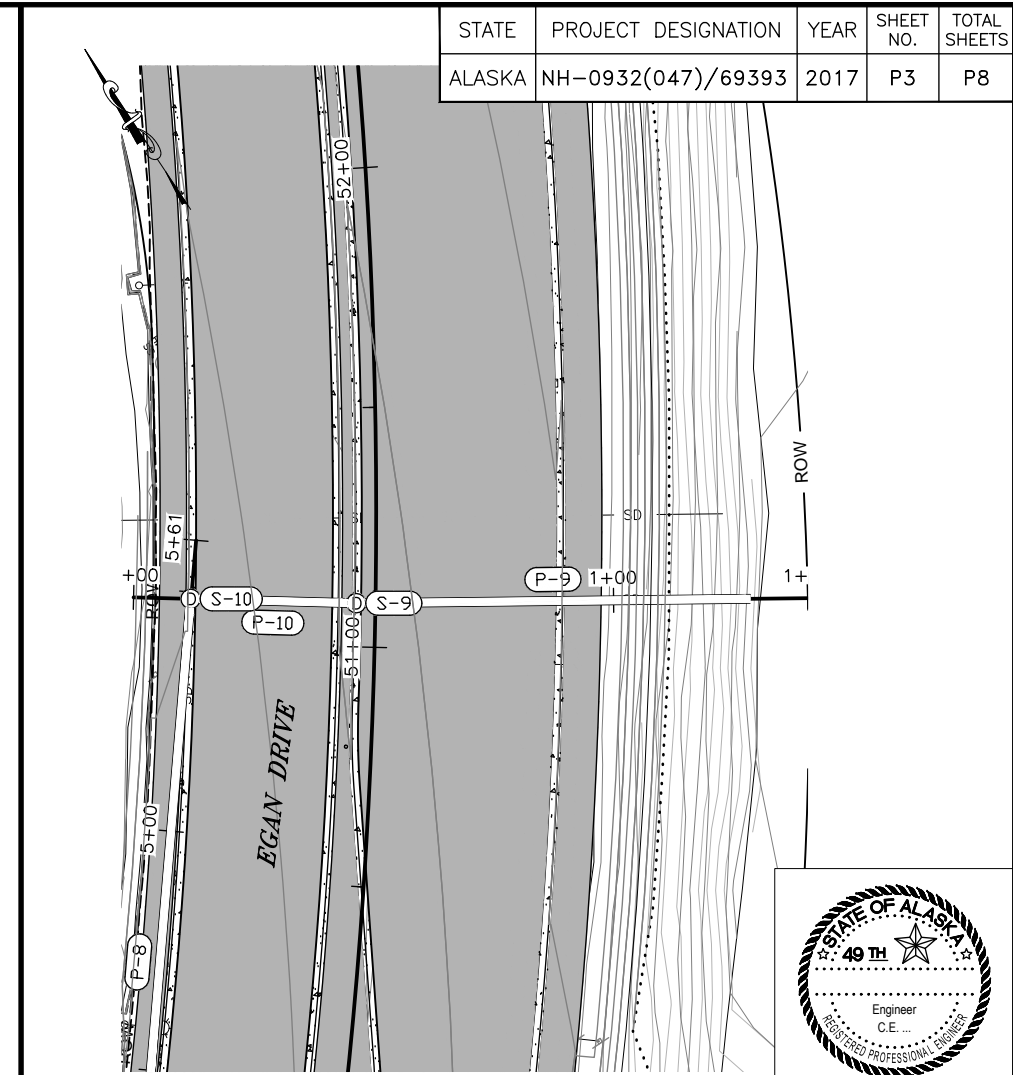
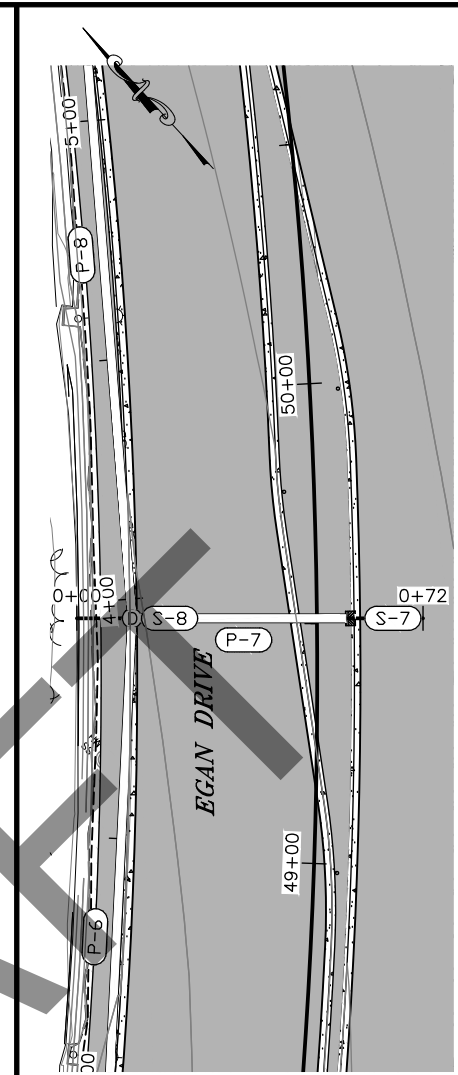
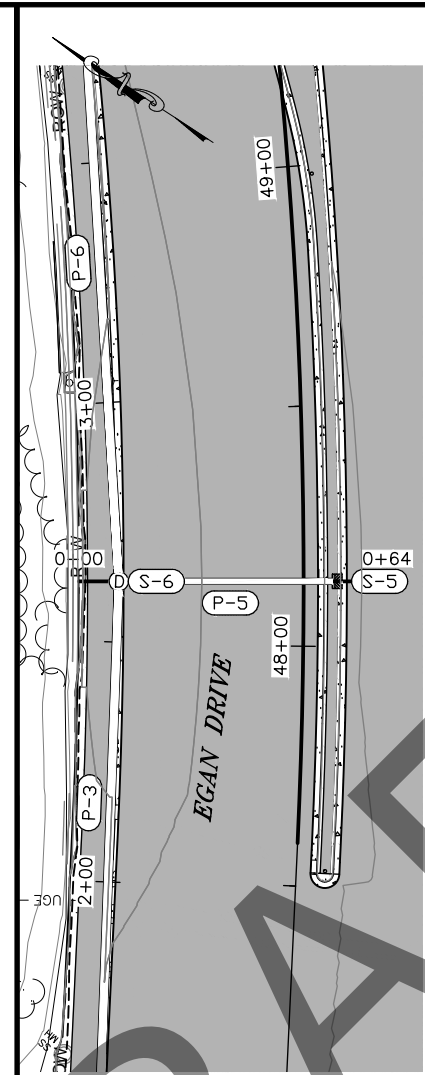
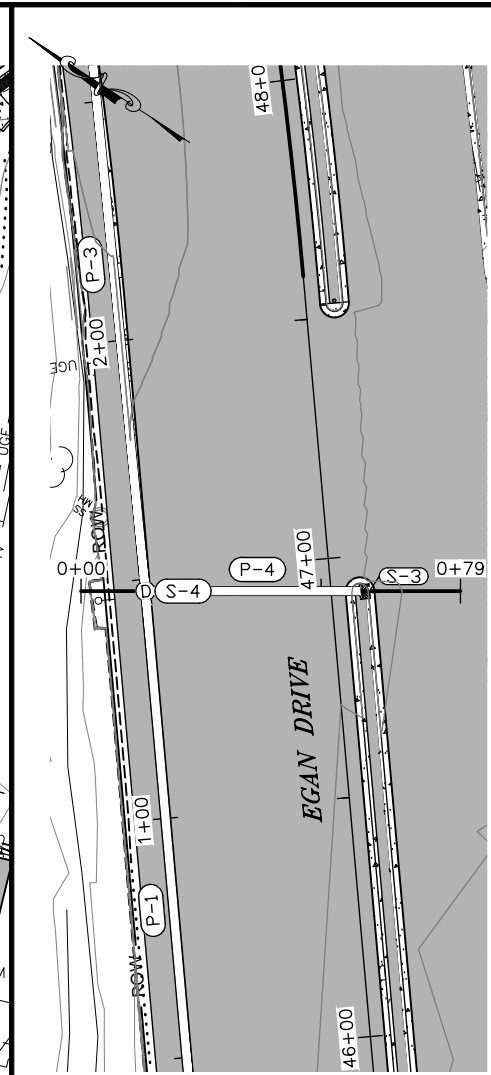
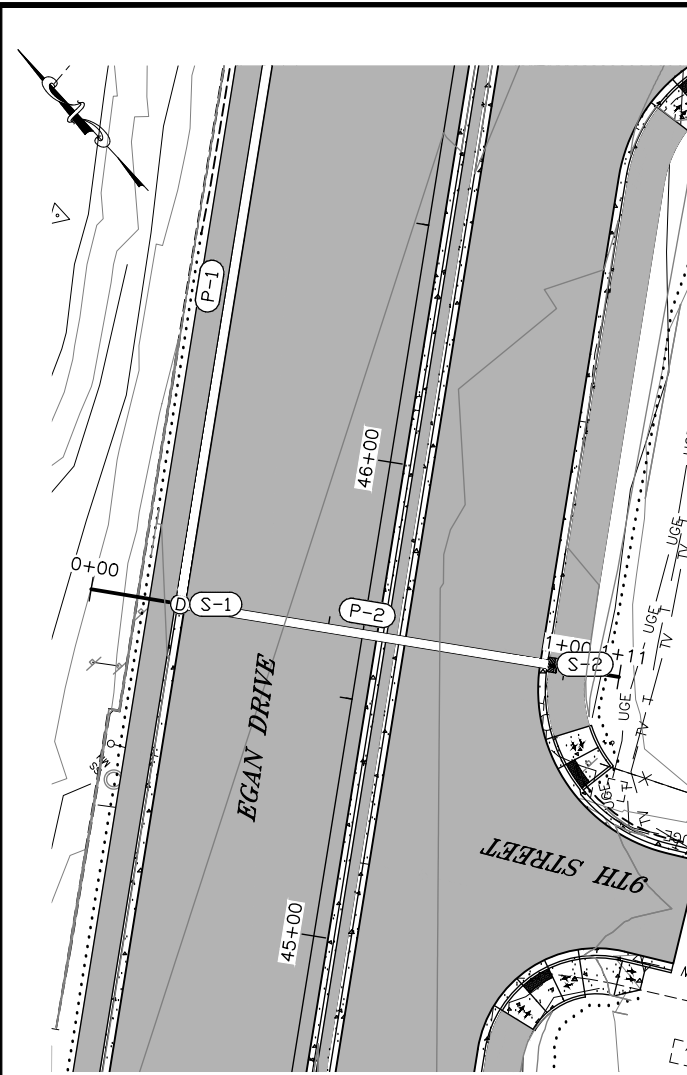


STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	NH-0932(047)/69393	2017	P2	P8

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 CERTIFICATE OF AUTH #:  
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 CHECKED CT  
 DRAFTED NG,RG  
 DATE 6/6/2017 14:10 LAYOUT P2

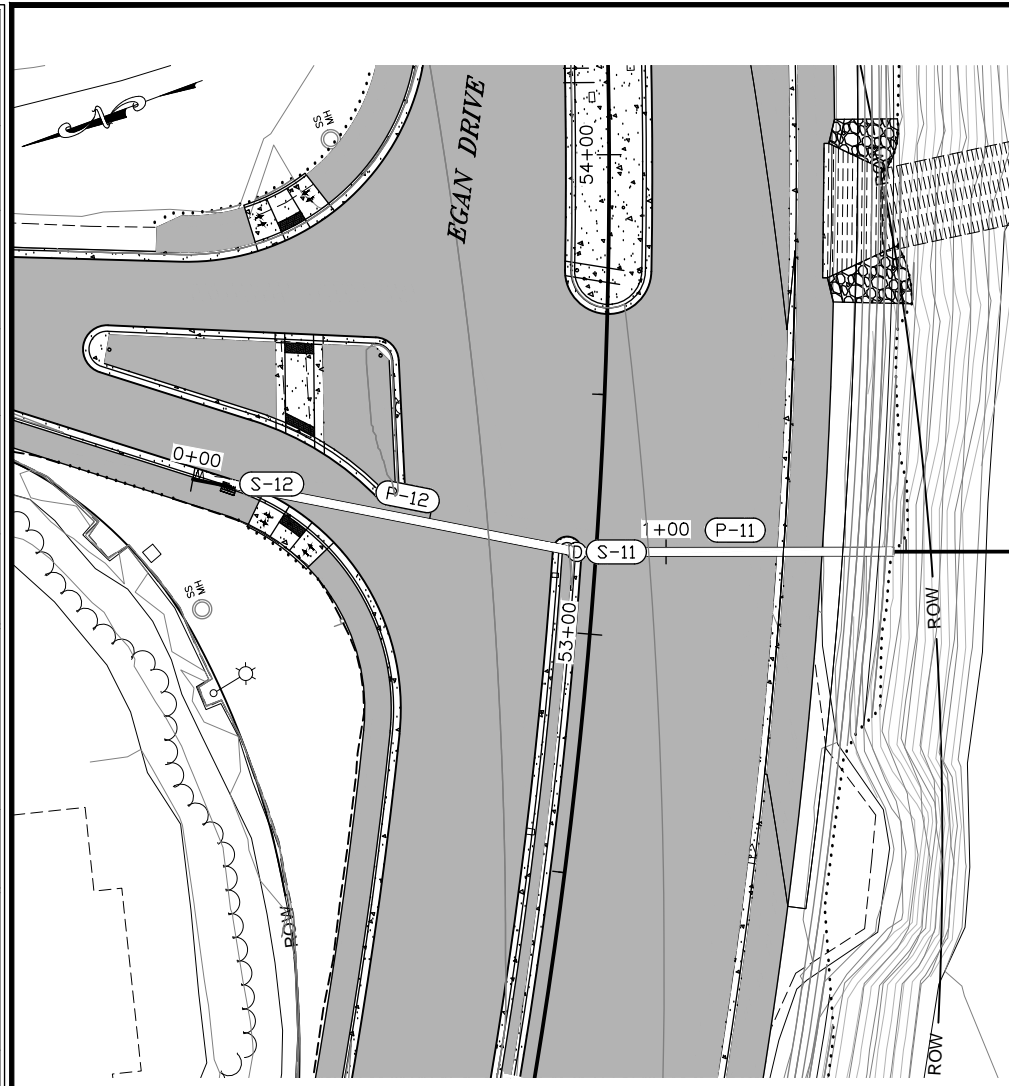


STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	NH-0932(047)/69393	2017	P3	P8

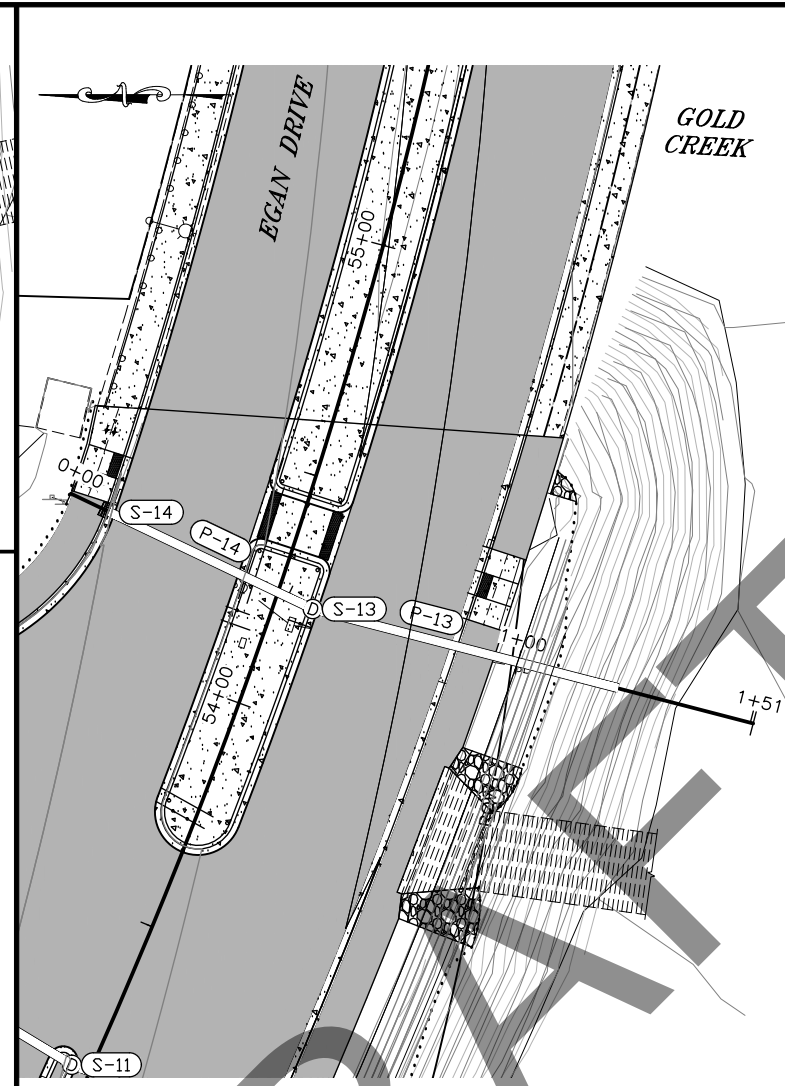


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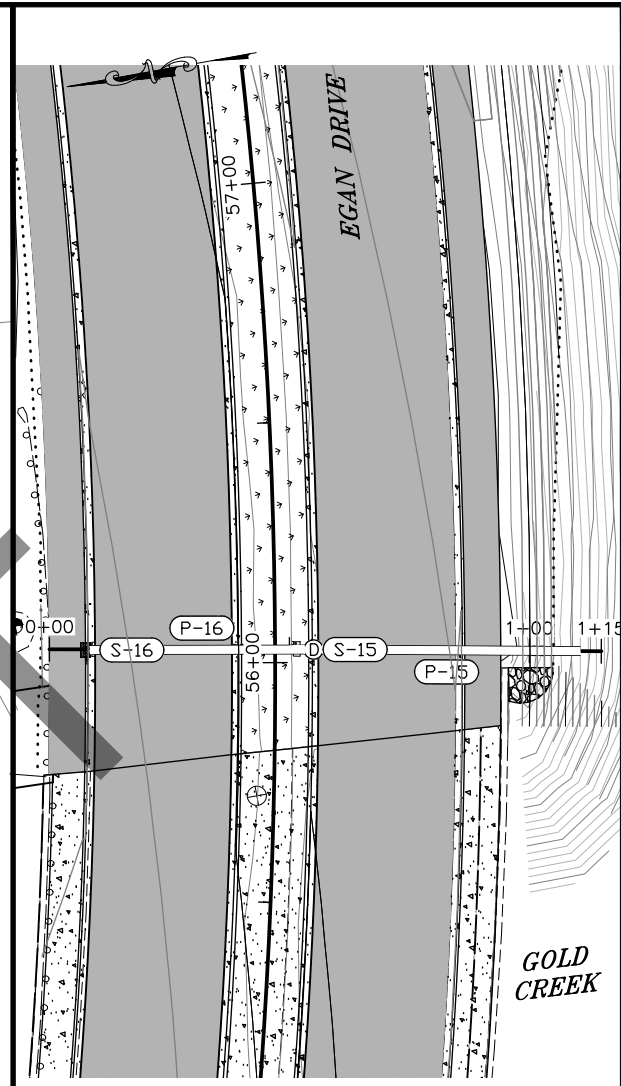
STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	NH-0932(047)/69393	2017	P4	P8



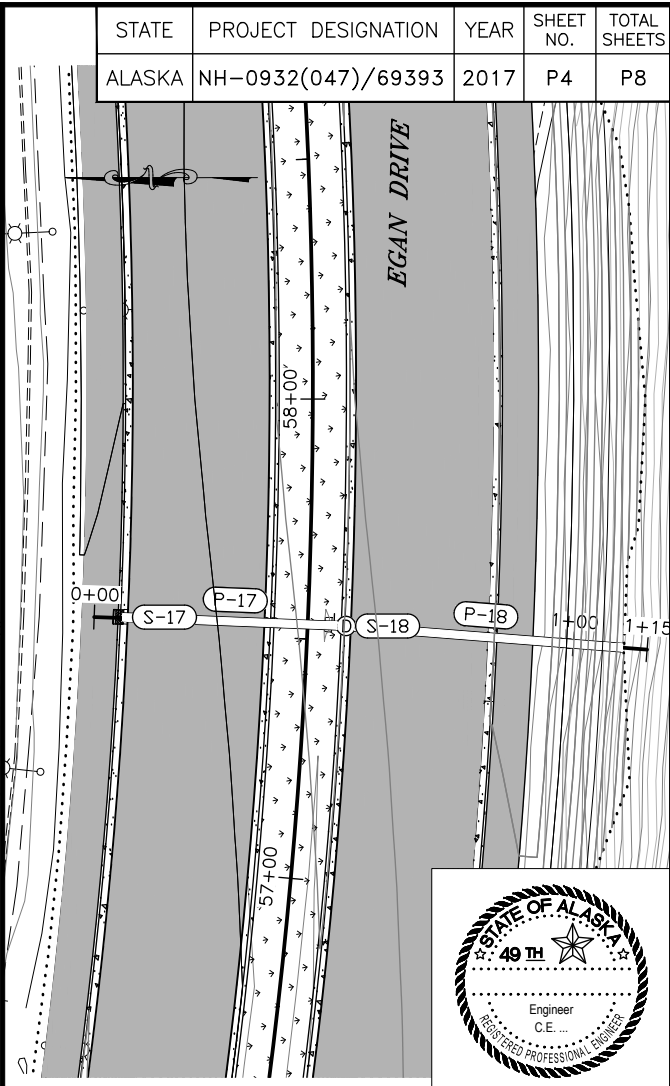
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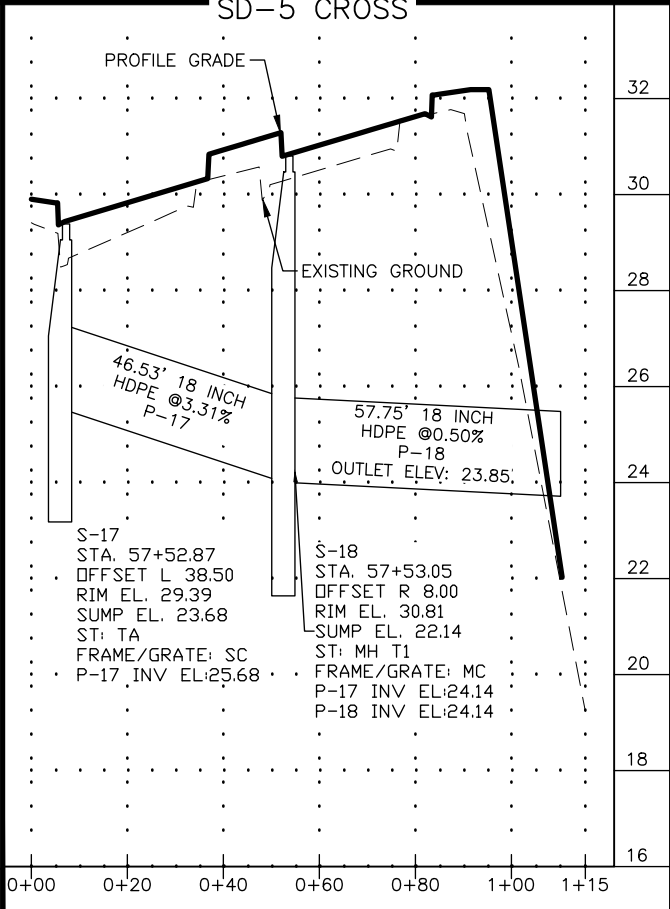
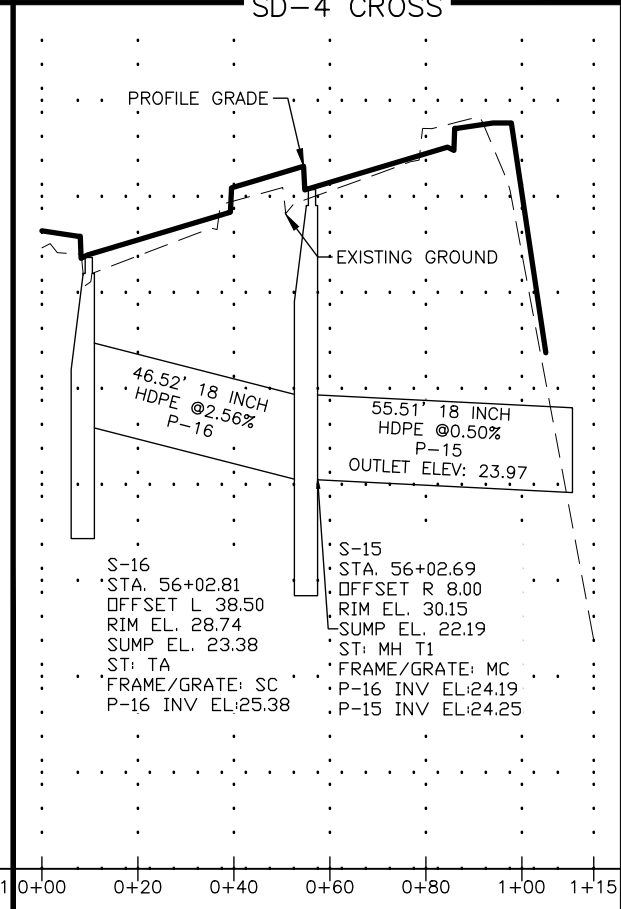
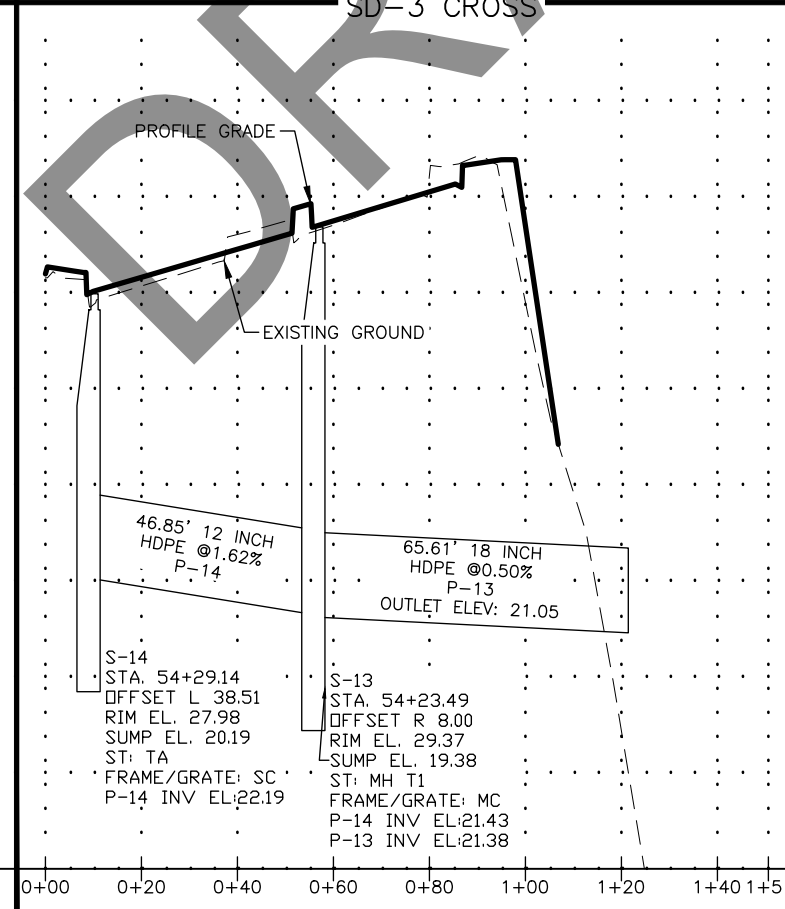
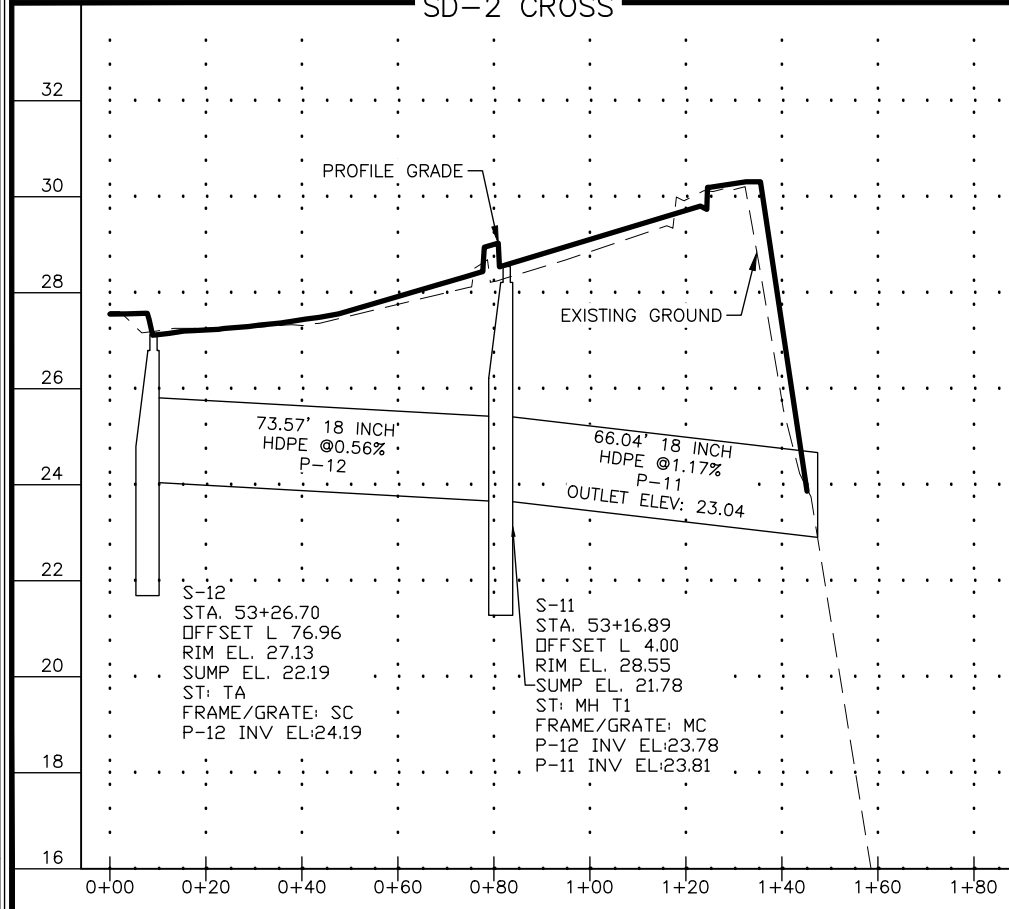
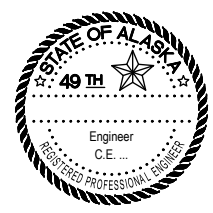
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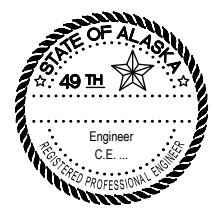
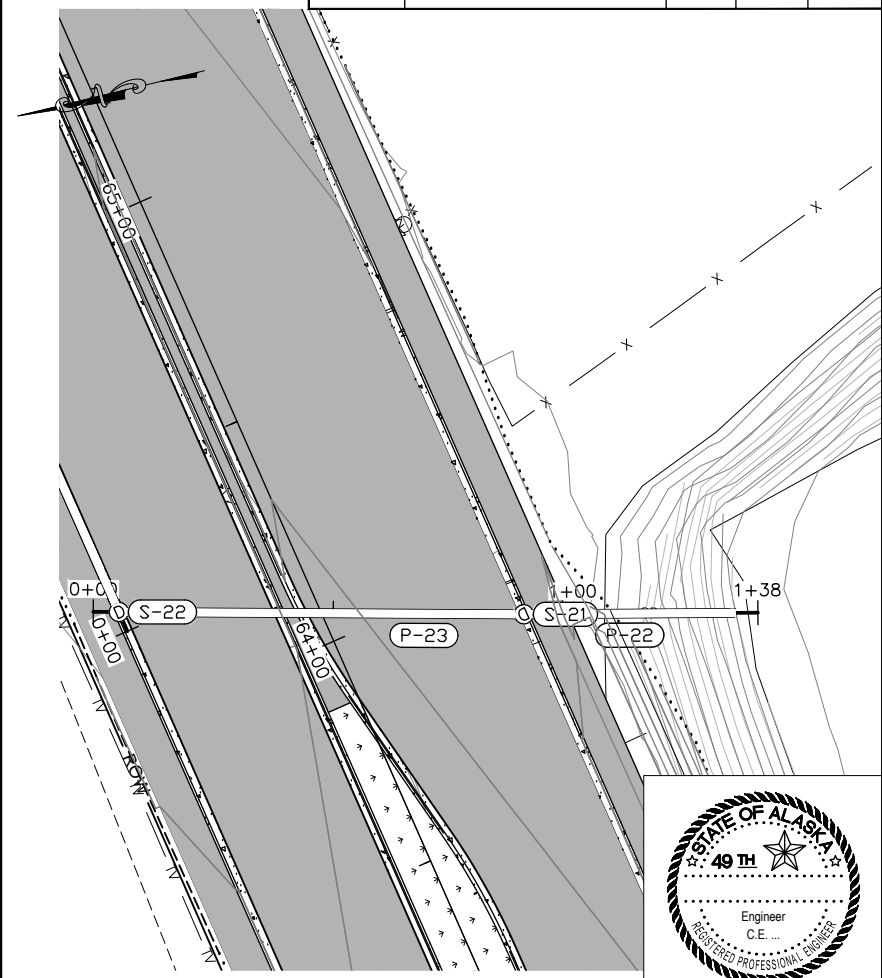
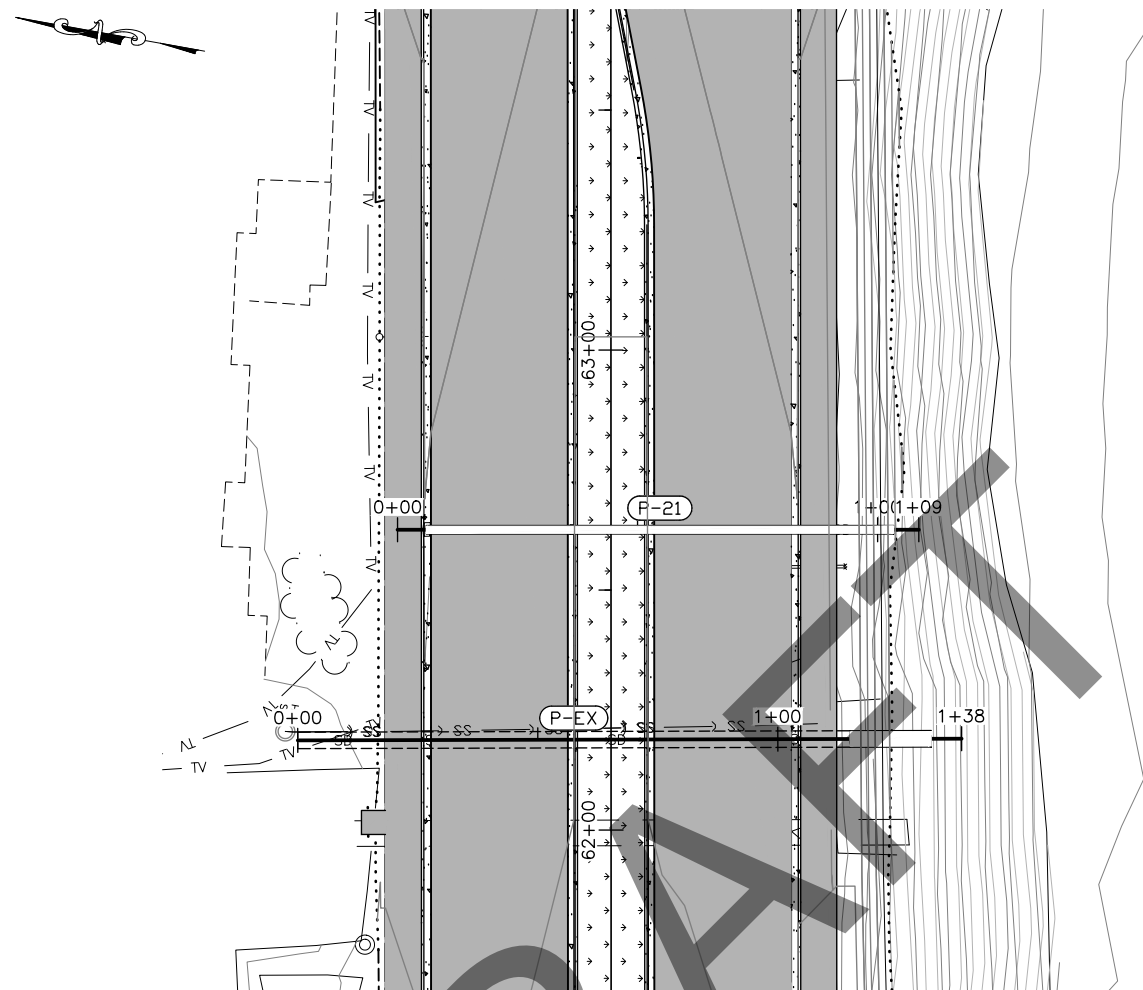
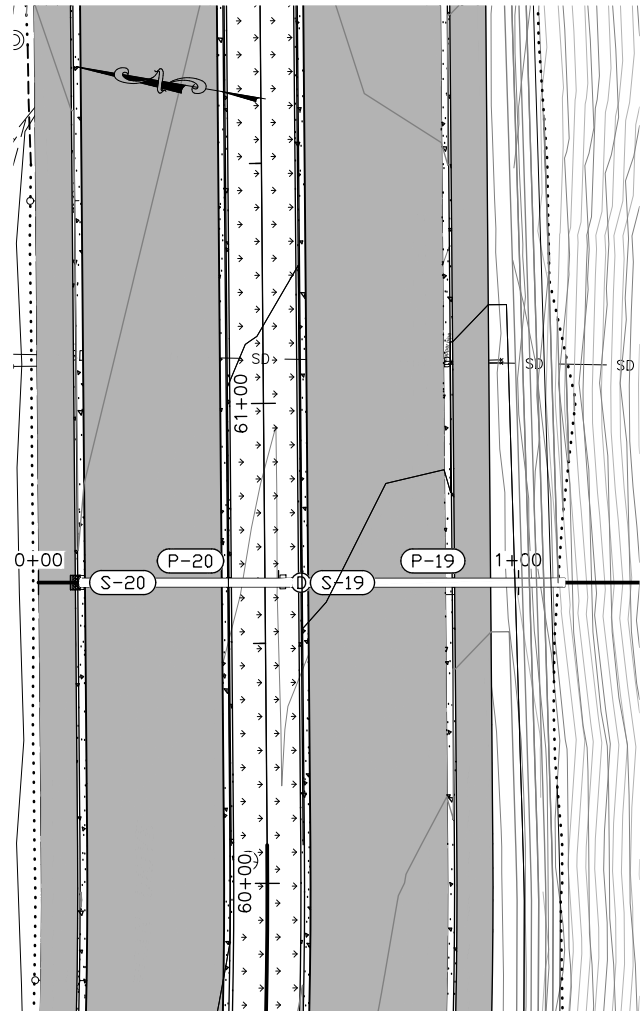
SD-4 CROSS



SD-5 CROSS



STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	NH-0932(047)/69393	2017	P5	P8

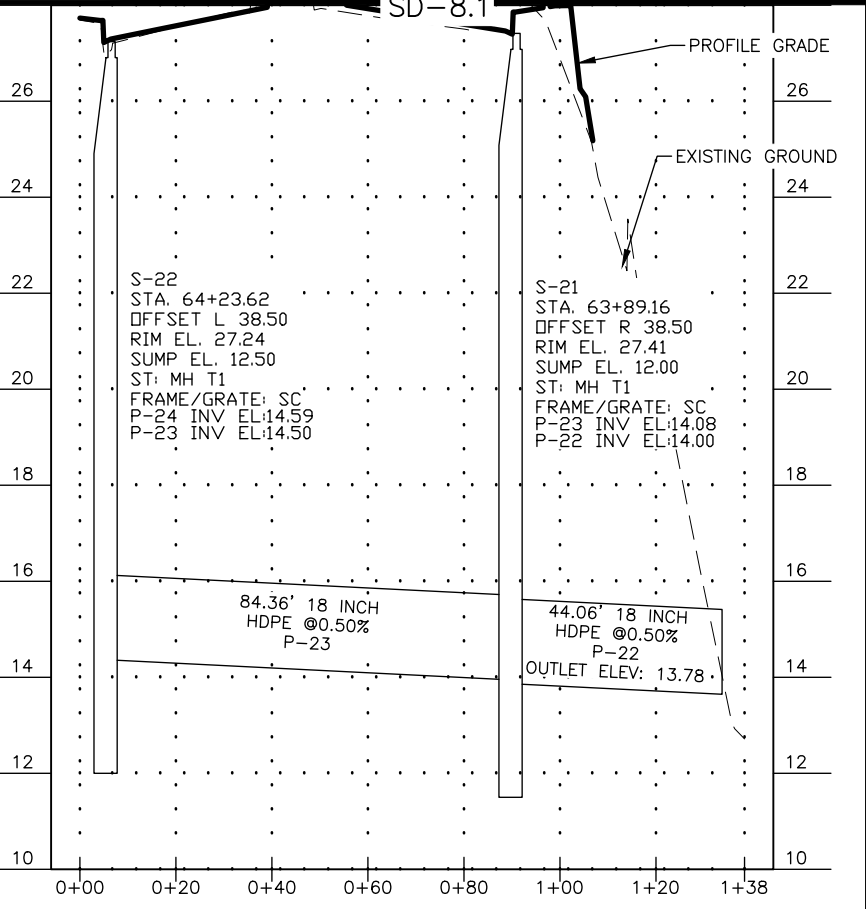
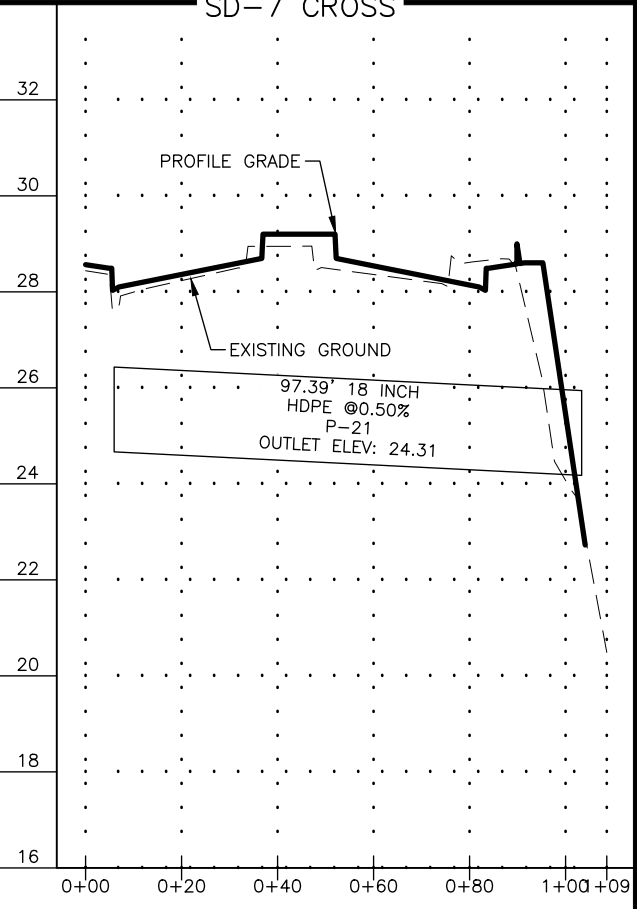
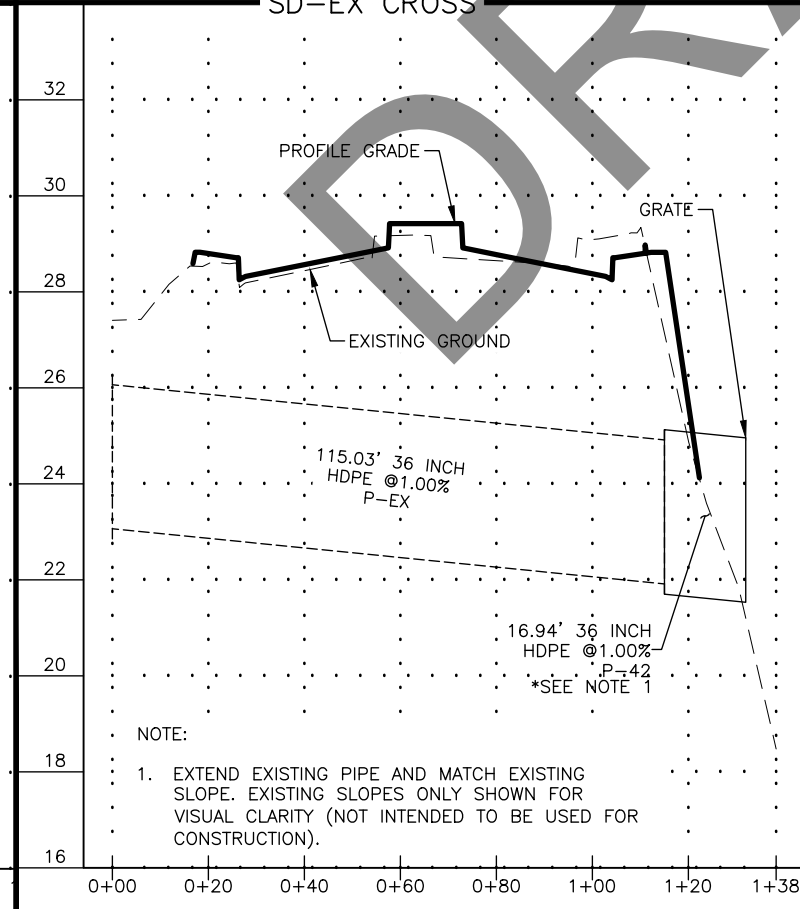
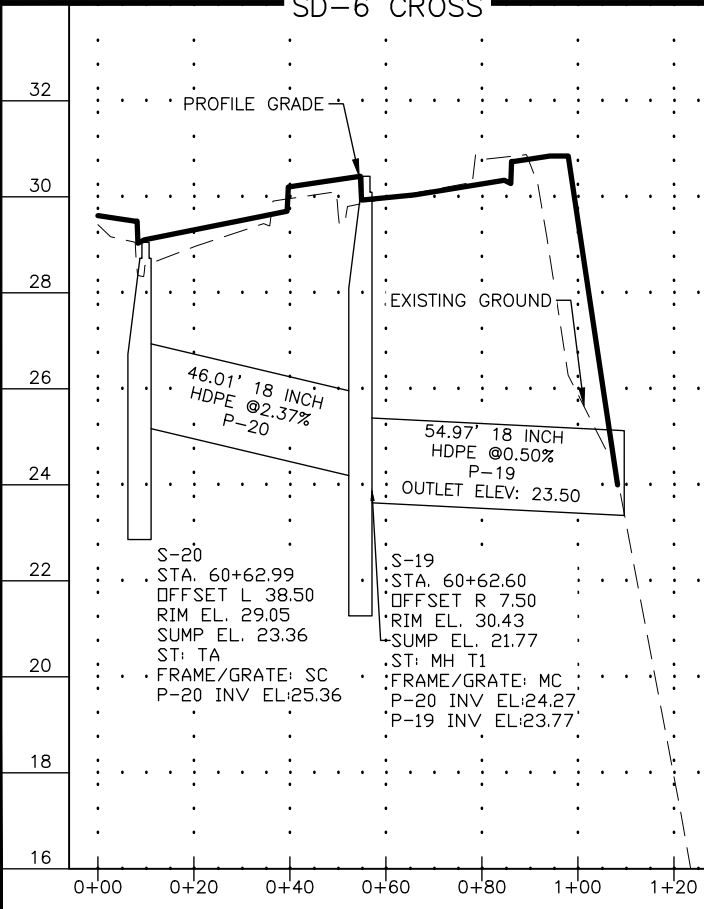


SD-6 CROSS

SD-EX CROSS

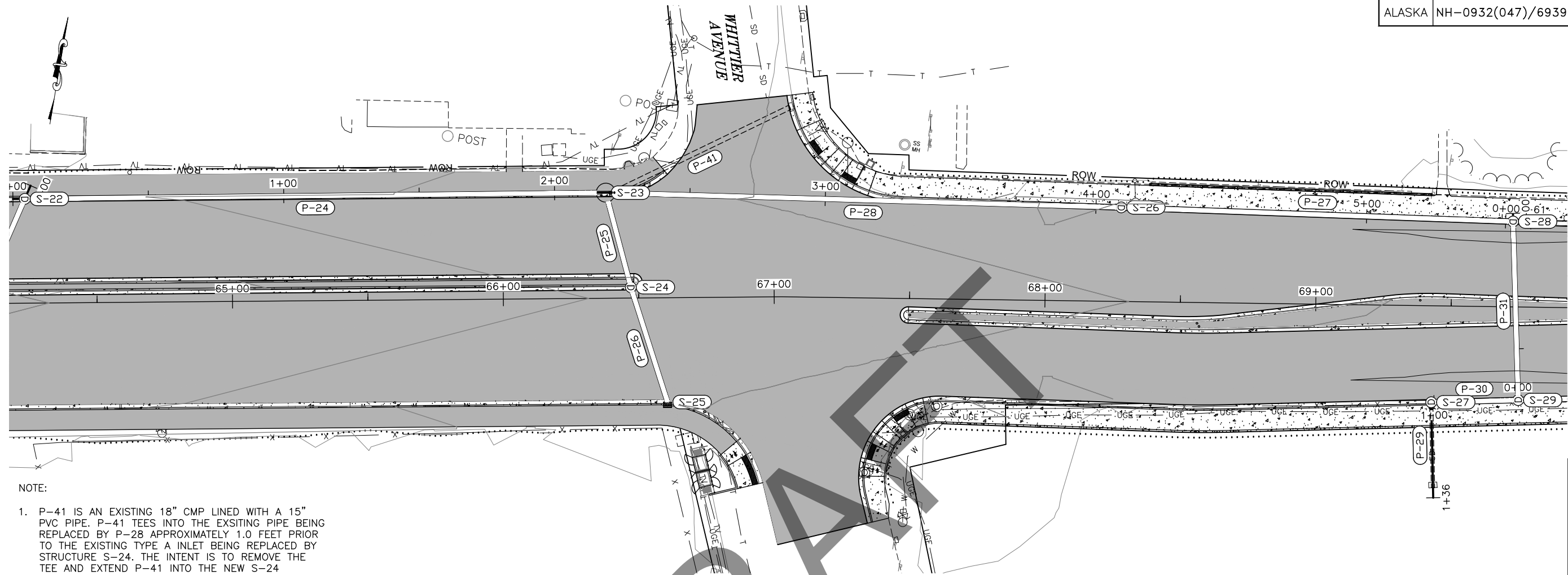
SD-7 CROSS

SD-8.1

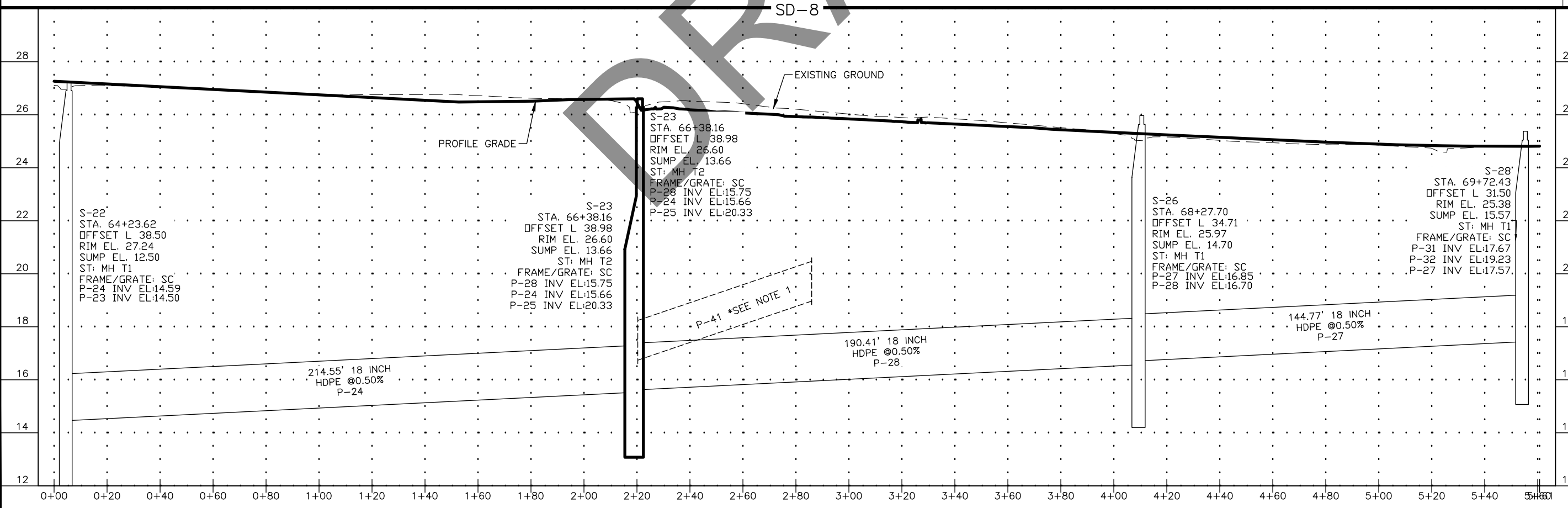
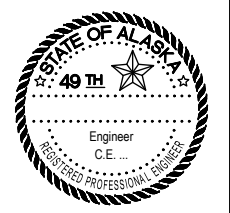


STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	NH-0932(047)/69393	2017	P6	P8

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 PHONE (907) 465-1763  
 DESIGNED NG,DP  
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 CERTIFICATE OF AUTH #:  
 DATE 6/6/2017 14:10 LAYOUT P6

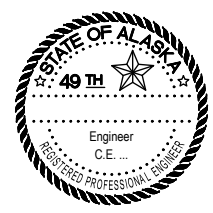
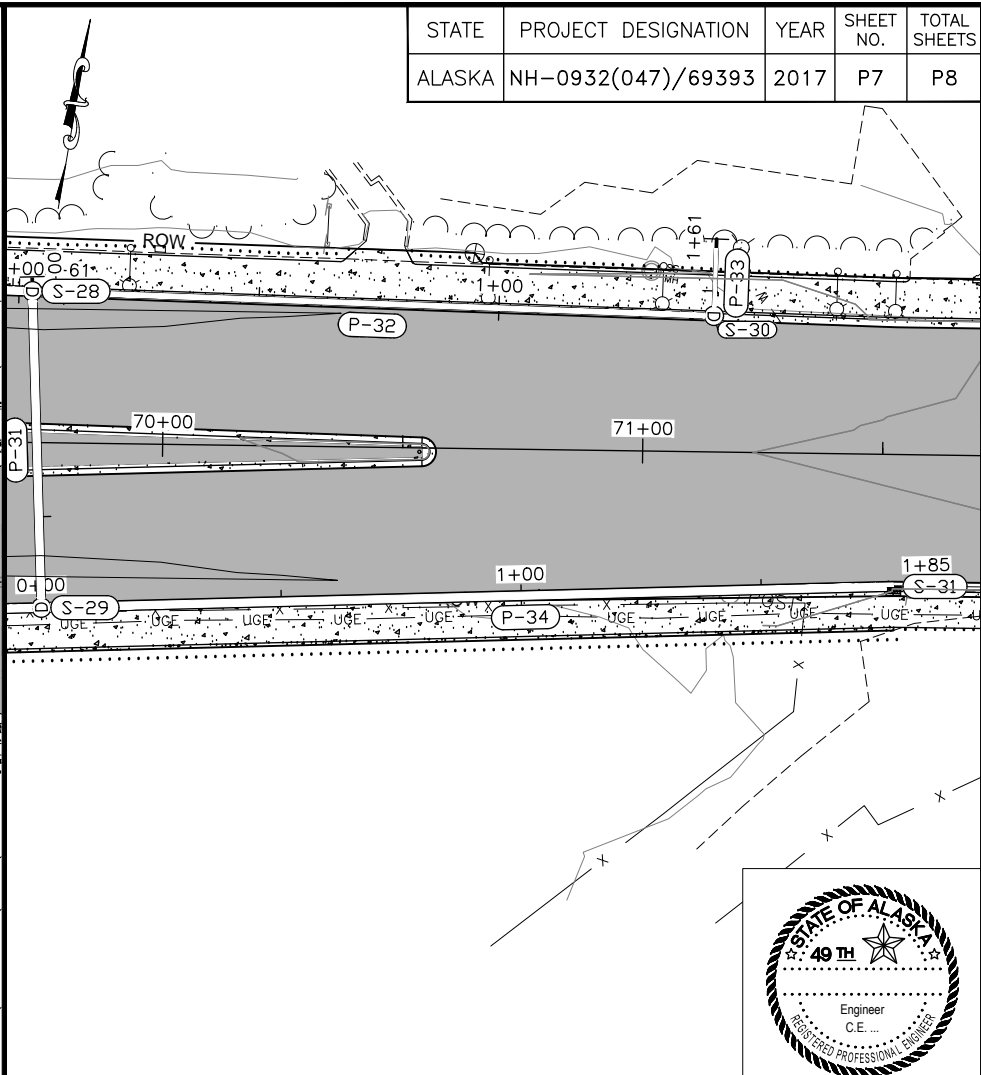
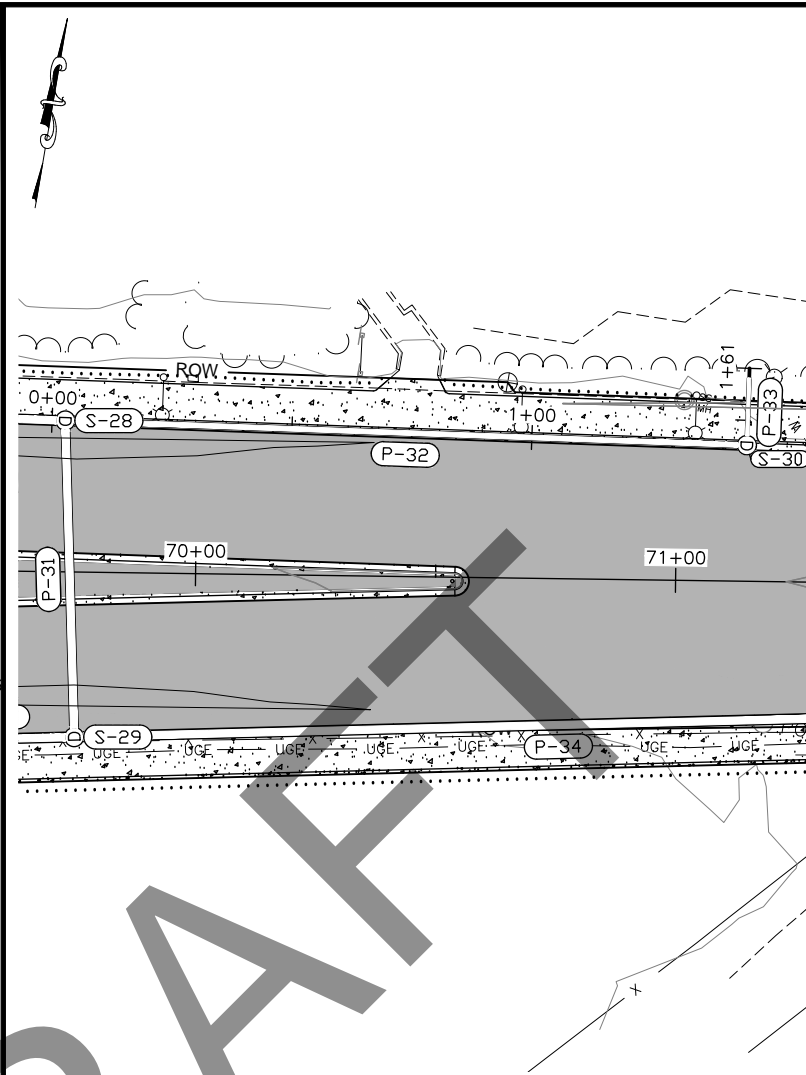
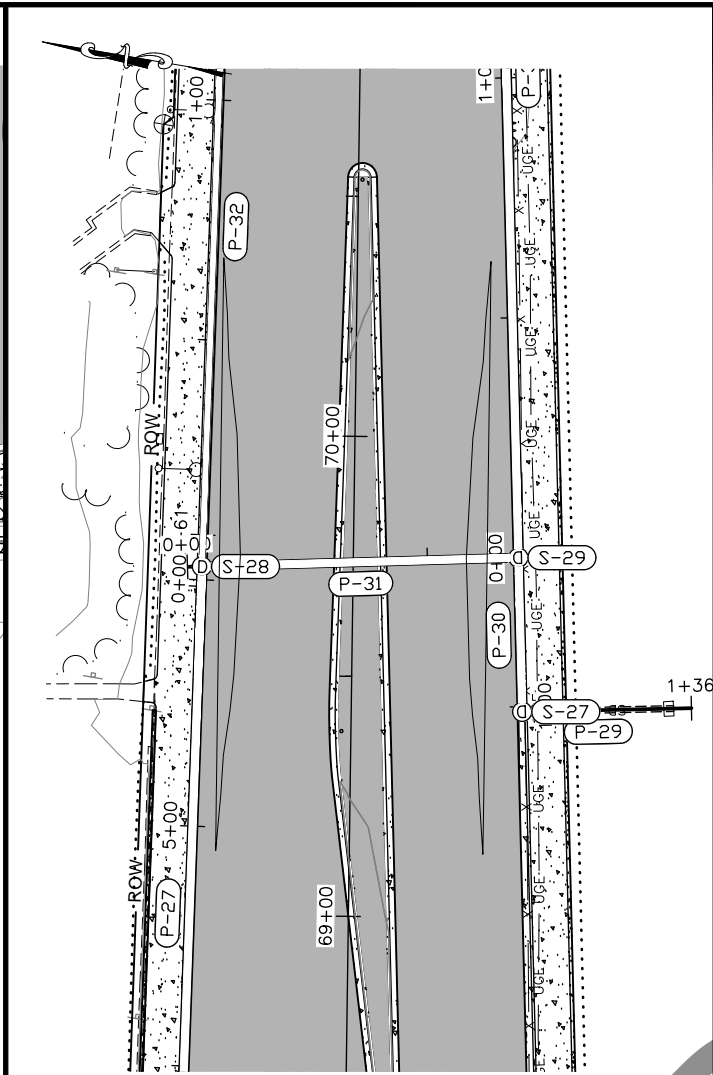
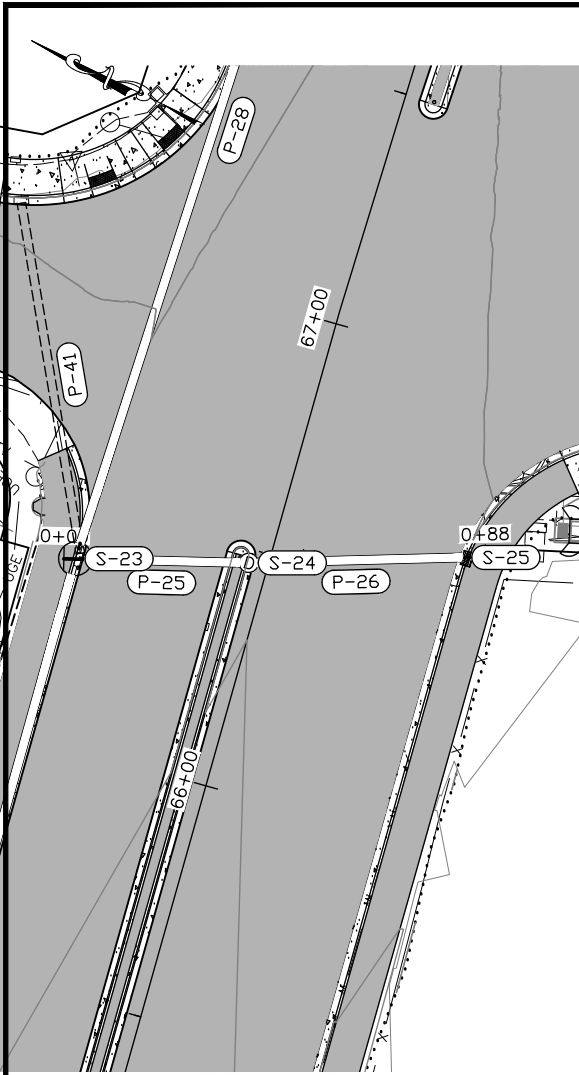


NOTE:  
 1. P-41 IS AN EXISTING 18" CMP LINED WITH A 15" PVC PIPE. P-41 TEES INTO THE EXSITING PIPE BEING REPLACED BY P-28 APPROXIMATELY 1.0 FEET PRIOR TO THE EXISTING TYPE A INLET BEING REPLACED BY STRUCTURE S-24. THE INTENT IS TO REMOVE THE TEE AND EXTEND P-41 INTO THE NEW S-24 STRUCTURE.



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 DATE 6/6/2017 14:10 LAYOUT P7

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	NH-0932(047)/69393	2017	P7	P8

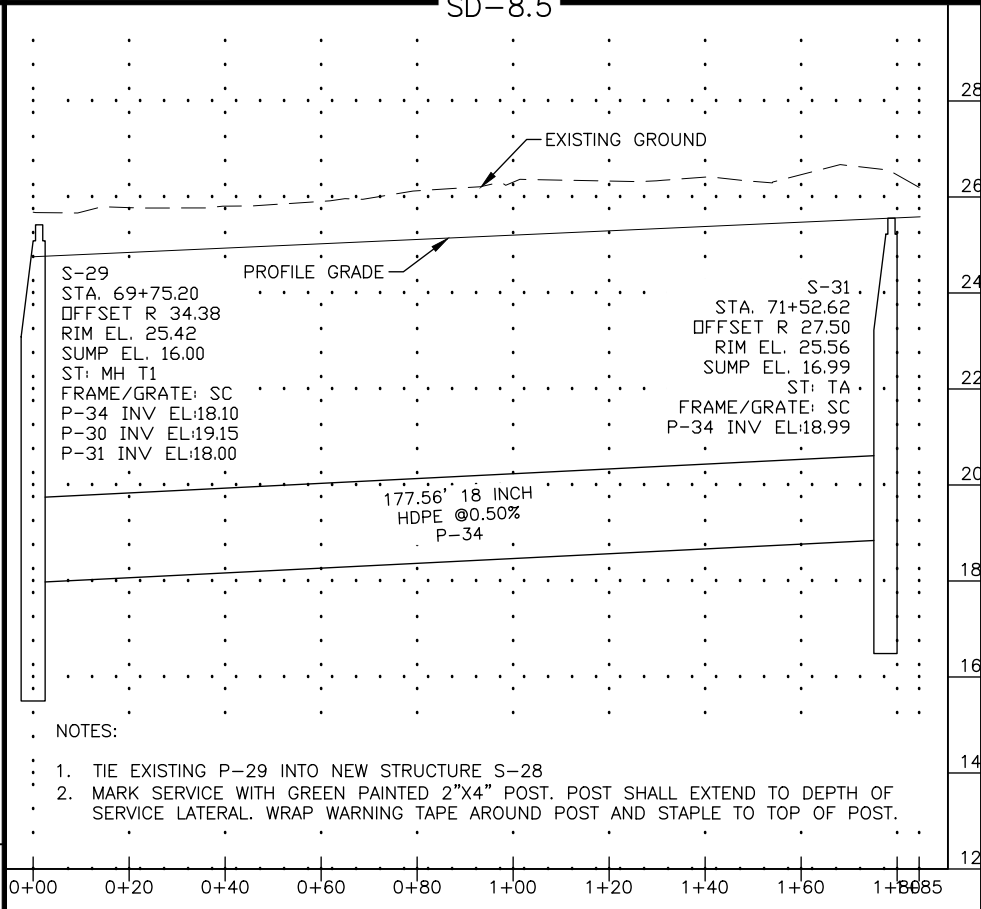
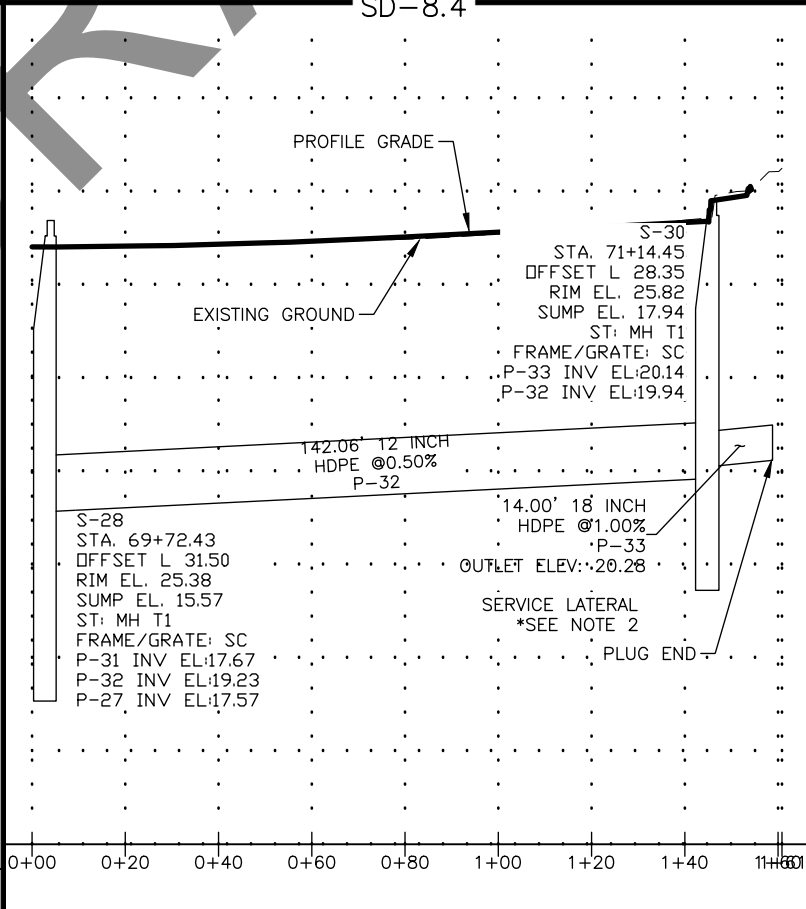
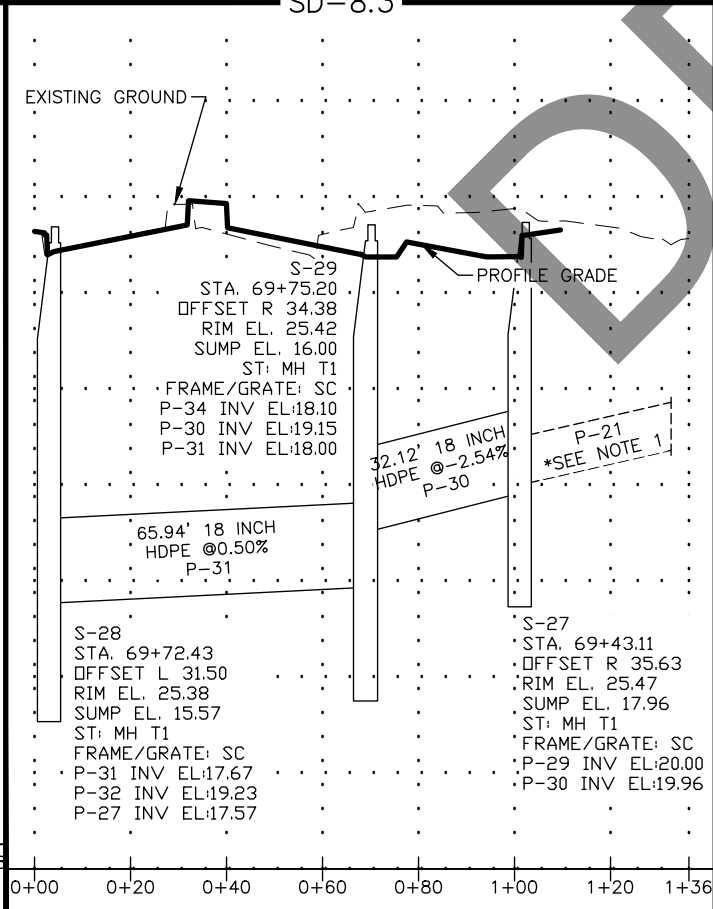
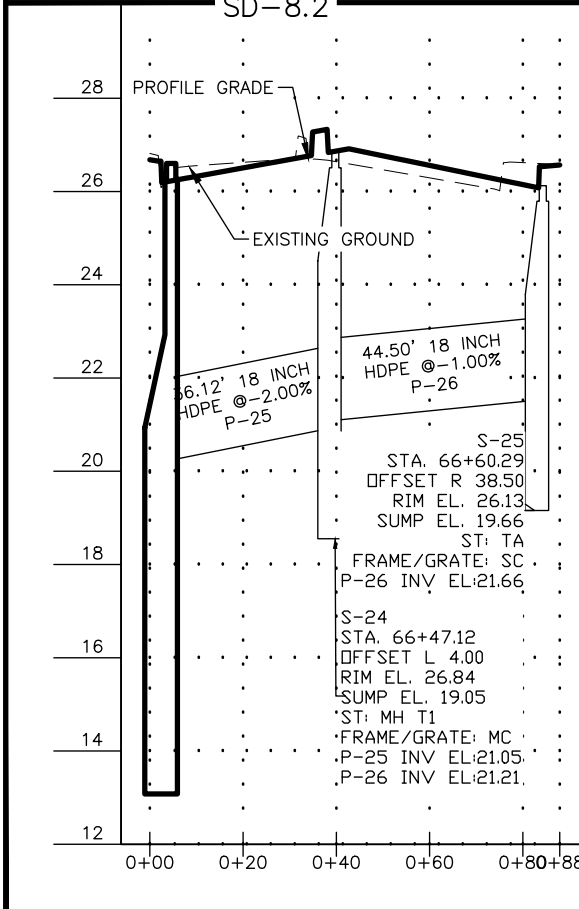


SD-8.2

SD-8.3

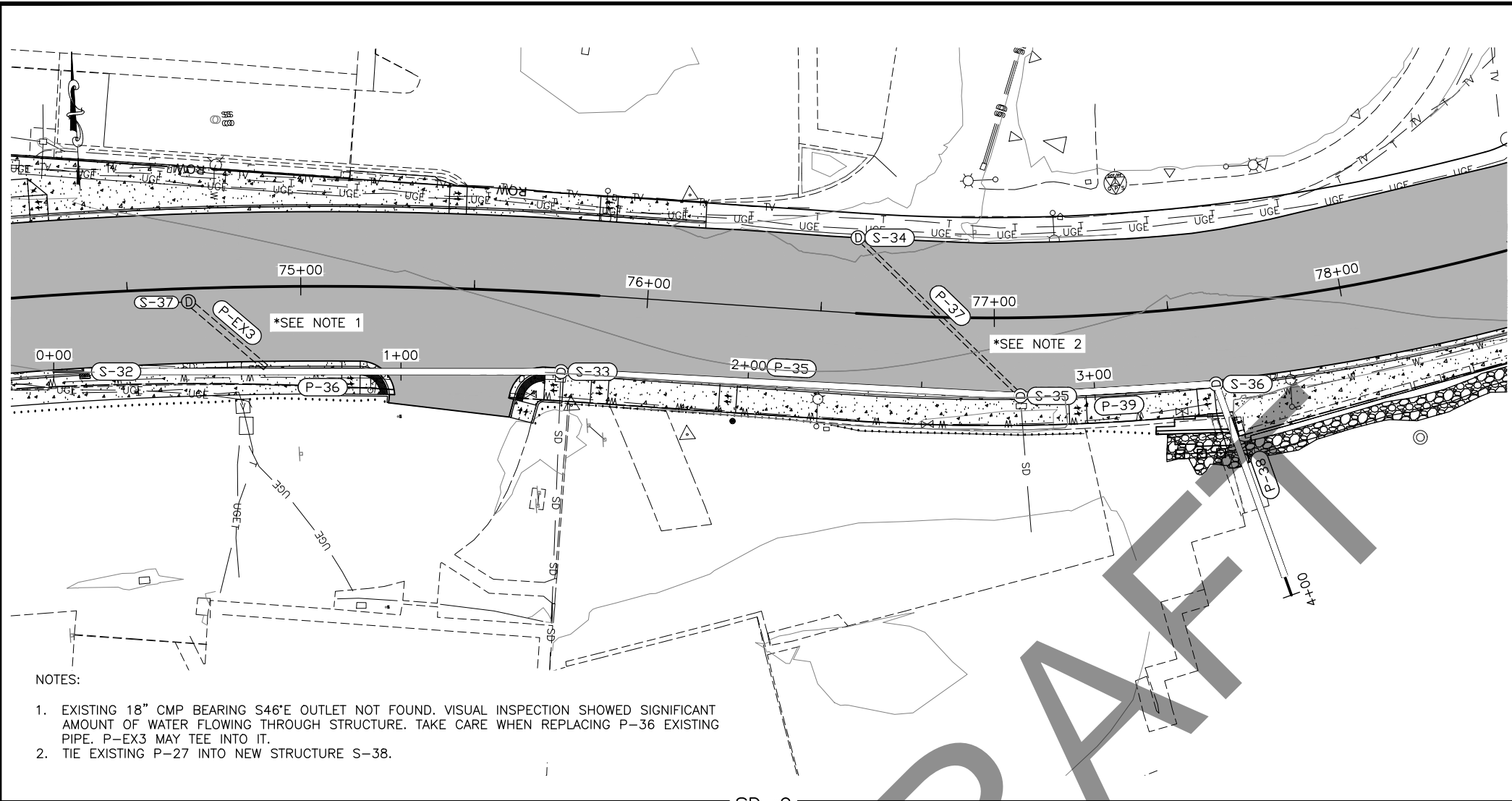
SD-8.4

SD-8.5

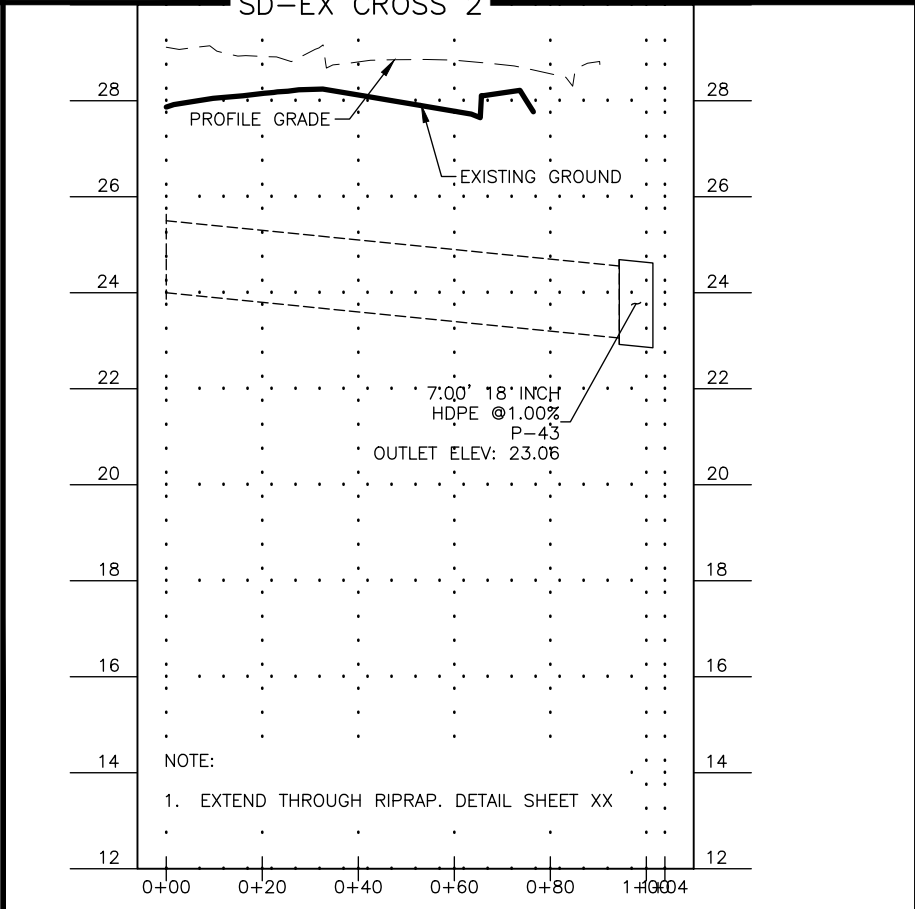
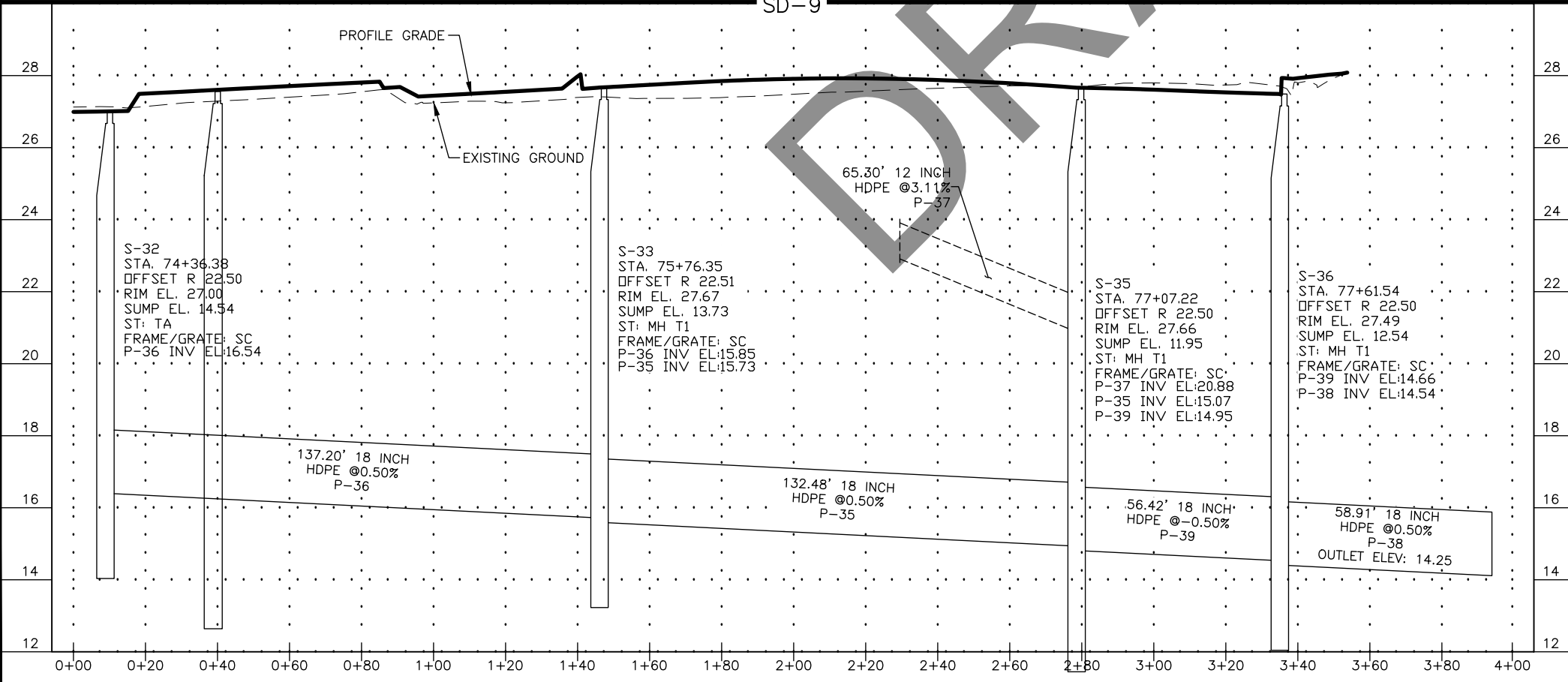
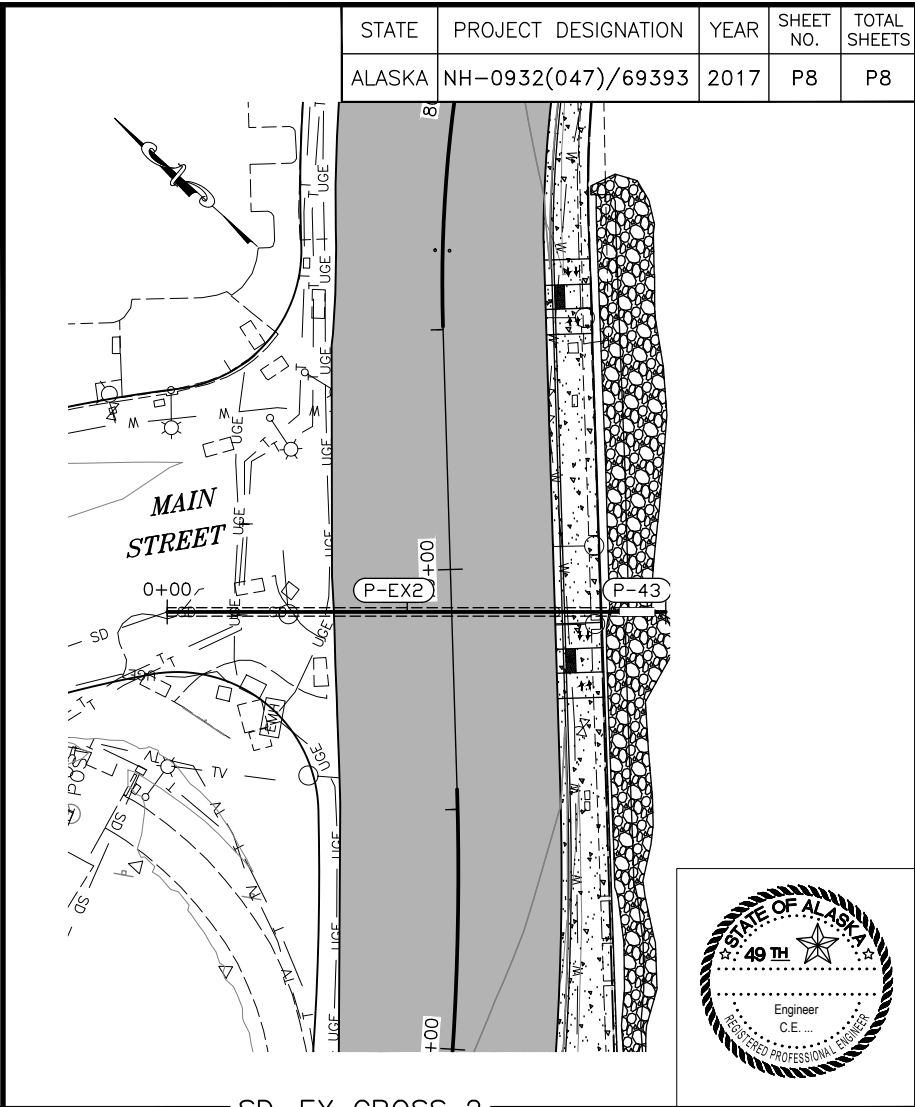


- NOTES:
- TIE EXISTING P-29 INTO NEW STRUCTURE S-28
  - MARK SERVICE WITH GREEN PAINTED 2"x4" POST. POST SHALL EXTEND TO DEPTH OF SERVICE LATERAL. WRAP WARNING TAPE AROUND POST AND STAPLE TO TOP OF POST.

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 PHONE (907) 465-1763  
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 DRAFTED IN,RG  
 CERTIFICATE OF AUTH #:  
 DATE 6/6/2017 14:10 LAYOUT P8  
 DATE 6/6/2017 14:10 LAYOUT P8



- NOTES:
- EXISTING 18" CMP BEARING S46°E OUTLET NOT FOUND. VISUAL INSPECTION SHOWED SIGNIFICANT AMOUNT OF WATER FLOWING THROUGH STRUCTURE. TAKE CARE WHEN REPLACING P-36 EXISTING PIPE. P-EX3 MAY TEE INTO IT.
  - TIE EXISTING P-27 INTO NEW STRUCTURE S-38.



FILE Q:\nu\69393\Planset\69393 overall phasing.dwg

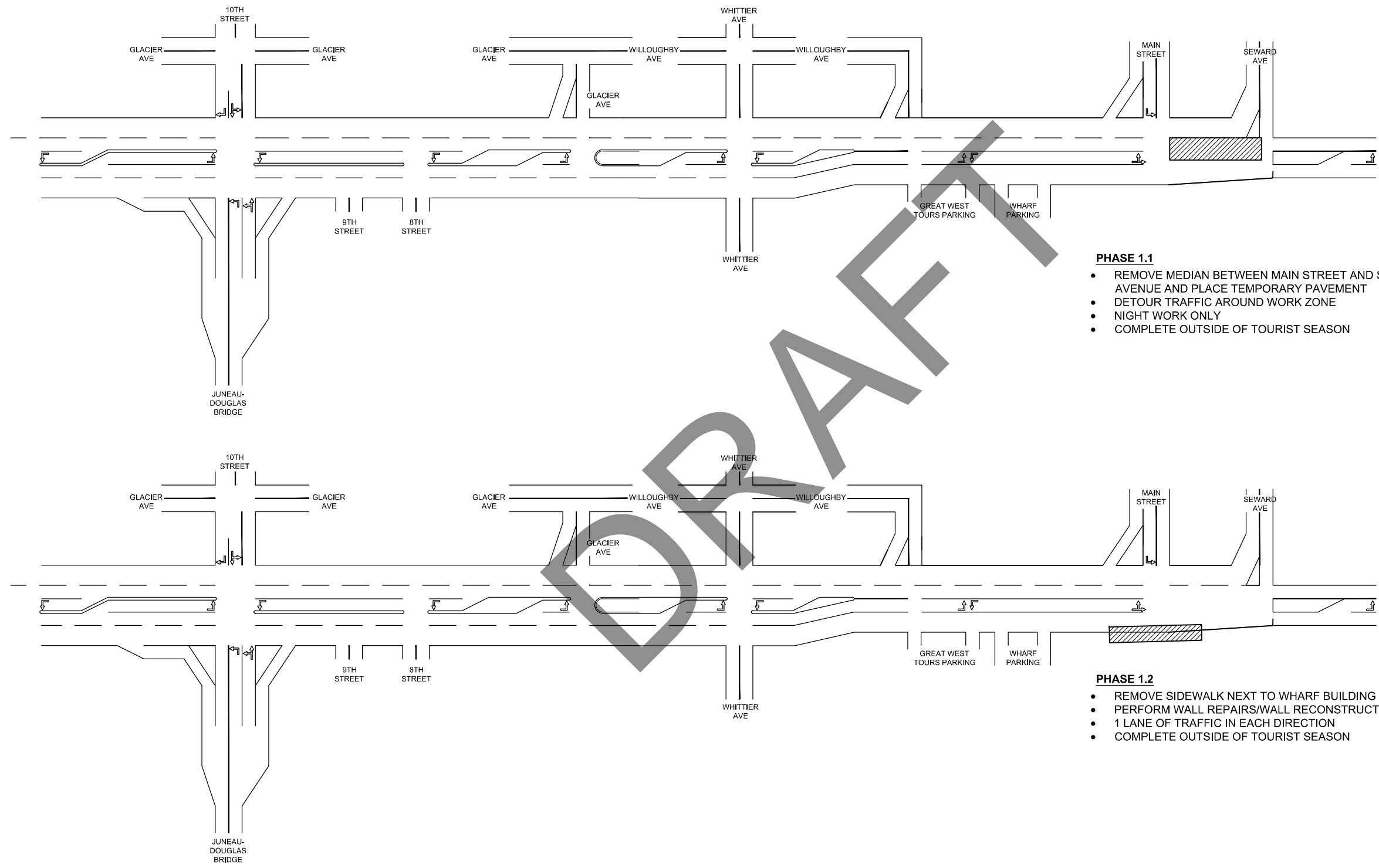
DATE 6/14/2017 15:41 LAYOUT T1

DESIGNED NG,DP

CHECKED CT

DRAFTED NG,RG

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	NH-0932(047)/69393	2017	T1	T5



- PHASE 1.1**
- REMOVE MEDIAN BETWEEN MAIN STREET AND SEWARD AVENUE AND PLACE TEMPORARY PAVEMENT
  - DETOUR TRAFFIC AROUND WORK ZONE
  - NIGHT WORK ONLY
  - COMPLETE OUTSIDE OF TOURIST SEASON

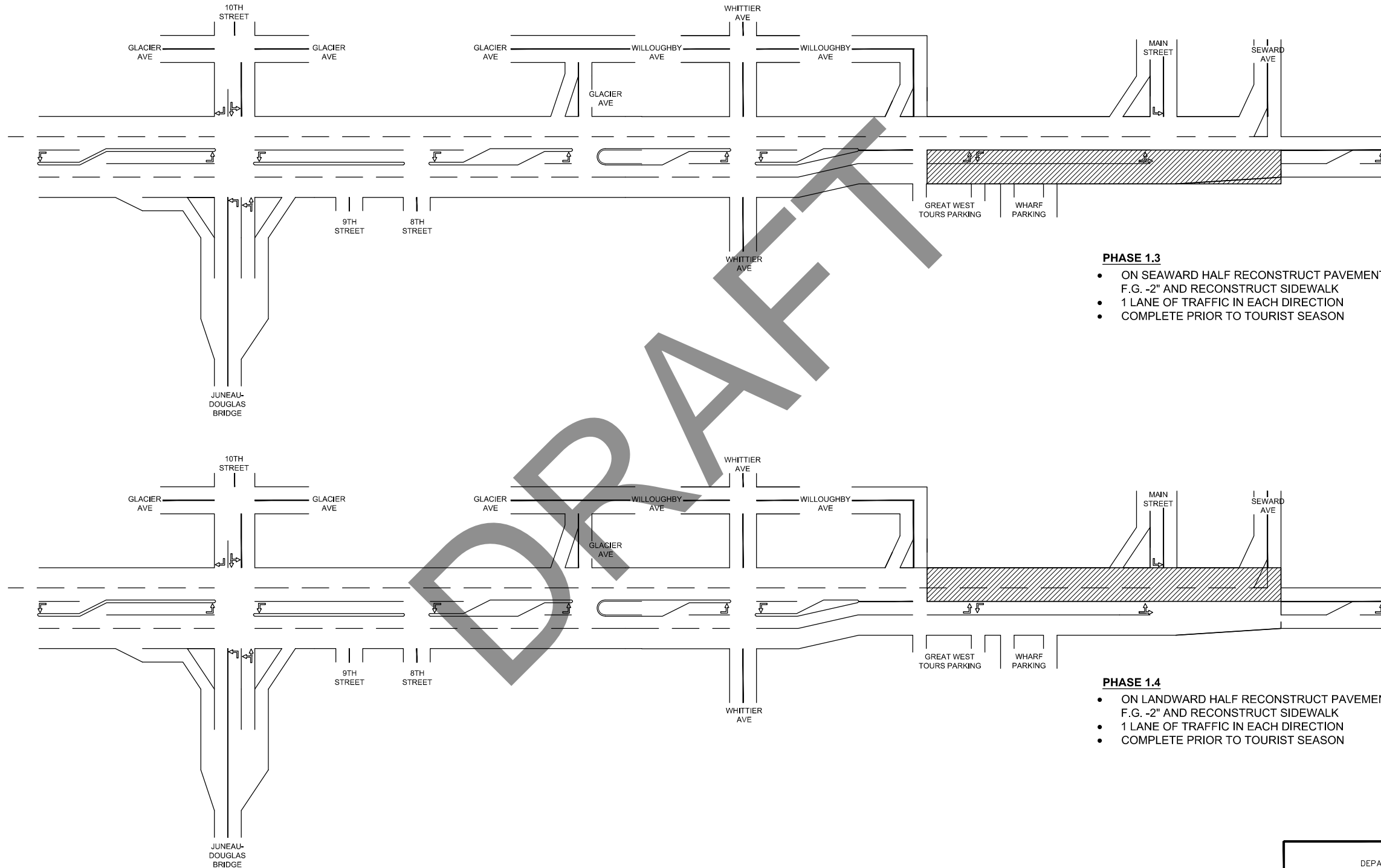
- PHASE 1.2**
- REMOVE SIDEWALK NEXT TO WHARF BUILDING
  - PERFORM WALL REPAIRS/WALL RECONSTRUCTION
  - 1 LANE OF TRAFFIC IN EACH DIRECTION
  - COMPLETE OUTSIDE OF TOURIST SEASON

STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 AND PUBLIC FACILITIES  
**EGAN DR IMPROVEMENTS,  
 MAIN ST. TO 10TH ST**  
 TRAFFIC CONTROL PLAN



FILE Q:\nu\69393\Planest\69393 overall phasing.dwg DATE 6/14/2017 15:41 LAYOUT T2 DESIGNED NG,DP CHECKED CT DRAFTED NG,RG

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	NH-0932(047)/69393	2017	T2	T5



**PHASE 1.3**

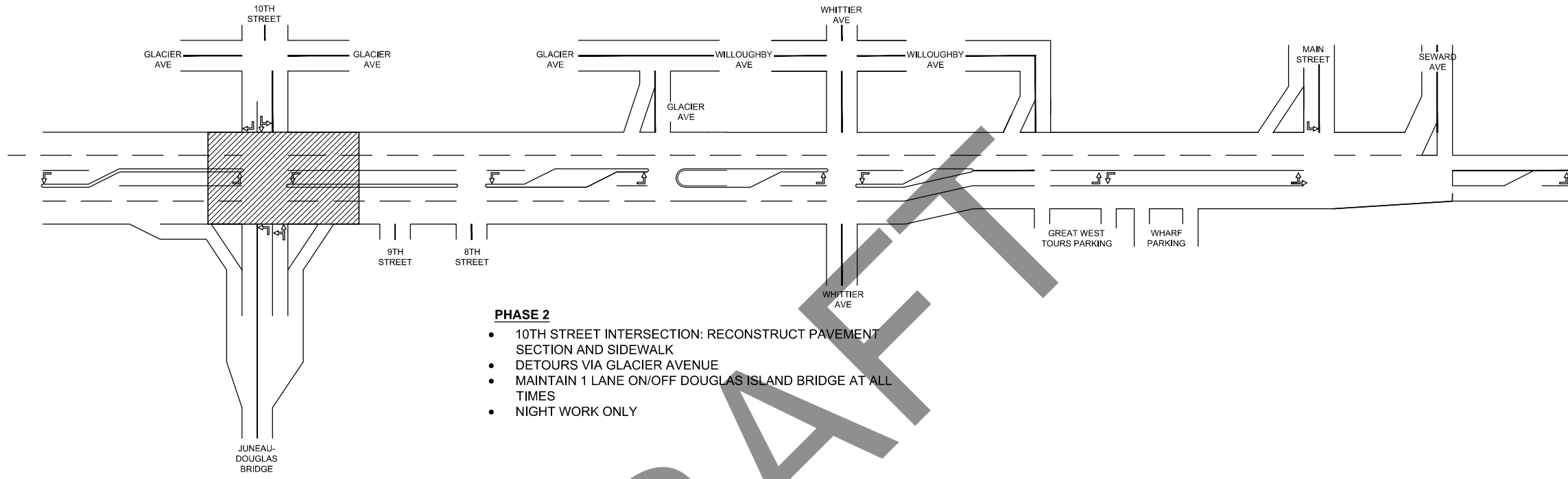
- ON SEAWARD HALF RECONSTRUCT PAVEMENT SECTION TO F.G. -2" AND RECONSTRUCT SIDEWALK
- 1 LANE OF TRAFFIC IN EACH DIRECTION
- COMPLETE PRIOR TO TOURIST SEASON

**PHASE 1.4**

- ON LANDWARD HALF RECONSTRUCT PAVEMENT SECTION TO F.G. -2" AND RECONSTRUCT SIDEWALK
- 1 LANE OF TRAFFIC IN EACH DIRECTION
- COMPLETE PRIOR TO TOURIST SEASON

STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 AND PUBLIC FACILITIES  
**EGAN DR IMPROVEMENTS,  
 MAIN ST. TO 10TH ST**  
 TRAFFIC CONTROL PLAN

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	NH-0932(047)/69393	2017	T3	T5



- PHASE 2**
- 10TH STREET INTERSECTION: RECONSTRUCT PAVEMENT SECTION AND SIDEWALK
  - DETOURS VIA GLACIER AVENUE
  - MAINTAIN 1 LANE ON/OFF DOUGLAS ISLAND BRIDGE AT ALL TIMES
  - NIGHT WORK ONLY

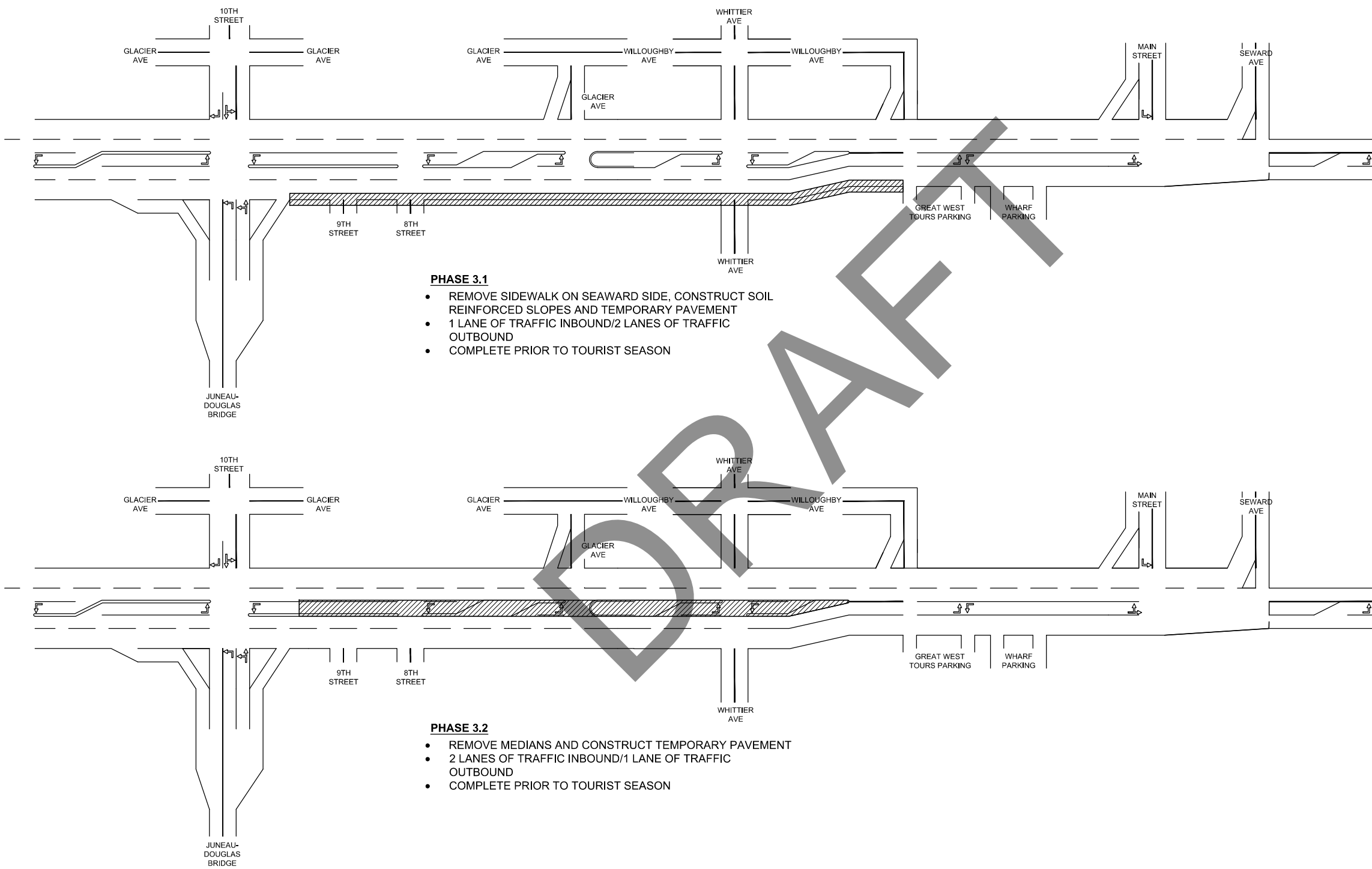
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STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 AND PUBLIC FACILITIES  
**EGAN DR IMPROVEMENTS,  
 MAIN ST. TO 10TH ST**  
 TRAFFIC CONTROL PLAN

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	NH-0932(047)/69393	2017	T4	T5

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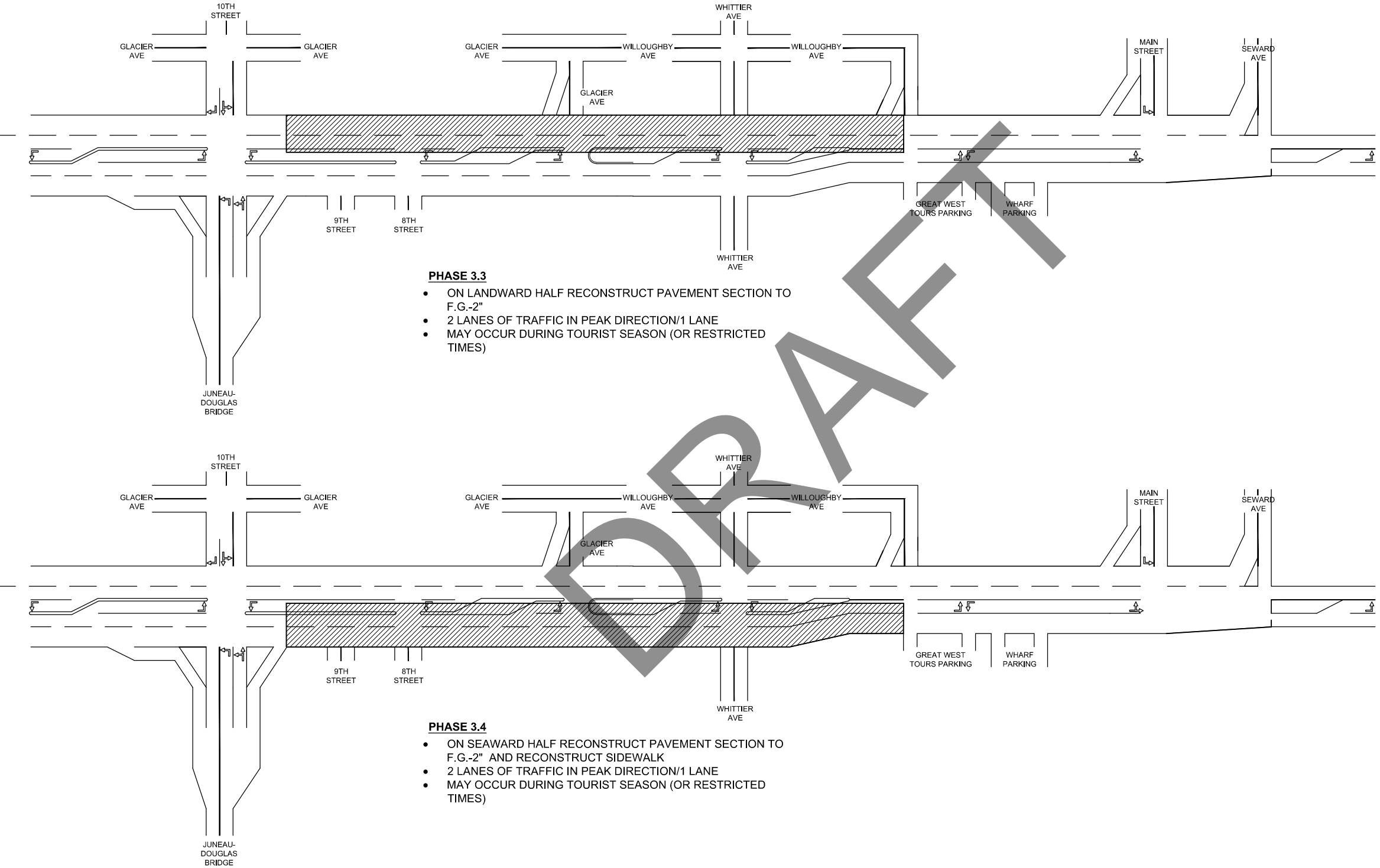
- PHASE 3.1**
- REMOVE SIDEWALK ON SEWARD SIDE, CONSTRUCT SOIL REINFORCED SLOPES AND TEMPORARY PAVEMENT
  - 1 LANE OF TRAFFIC INBOUND/2 LANES OF TRAFFIC OUTBOUND
  - COMPLETE PRIOR TO TOURIST SEASON

- PHASE 3.2**
- REMOVE MEDIANS AND CONSTRUCT TEMPORARY PAVEMENT
  - 2 LANES OF TRAFFIC INBOUND/1 LANE OF TRAFFIC OUTBOUND
  - COMPLETE PRIOR TO TOURIST SEASON

STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 AND PUBLIC FACILITIES  
**EGAN DR IMPROVEMENTS,  
 MAIN ST. TO 10TH ST**  
 TRAFFIC CONTROL PLAN

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	NH-0932(047)/69393	2017	T5	T5

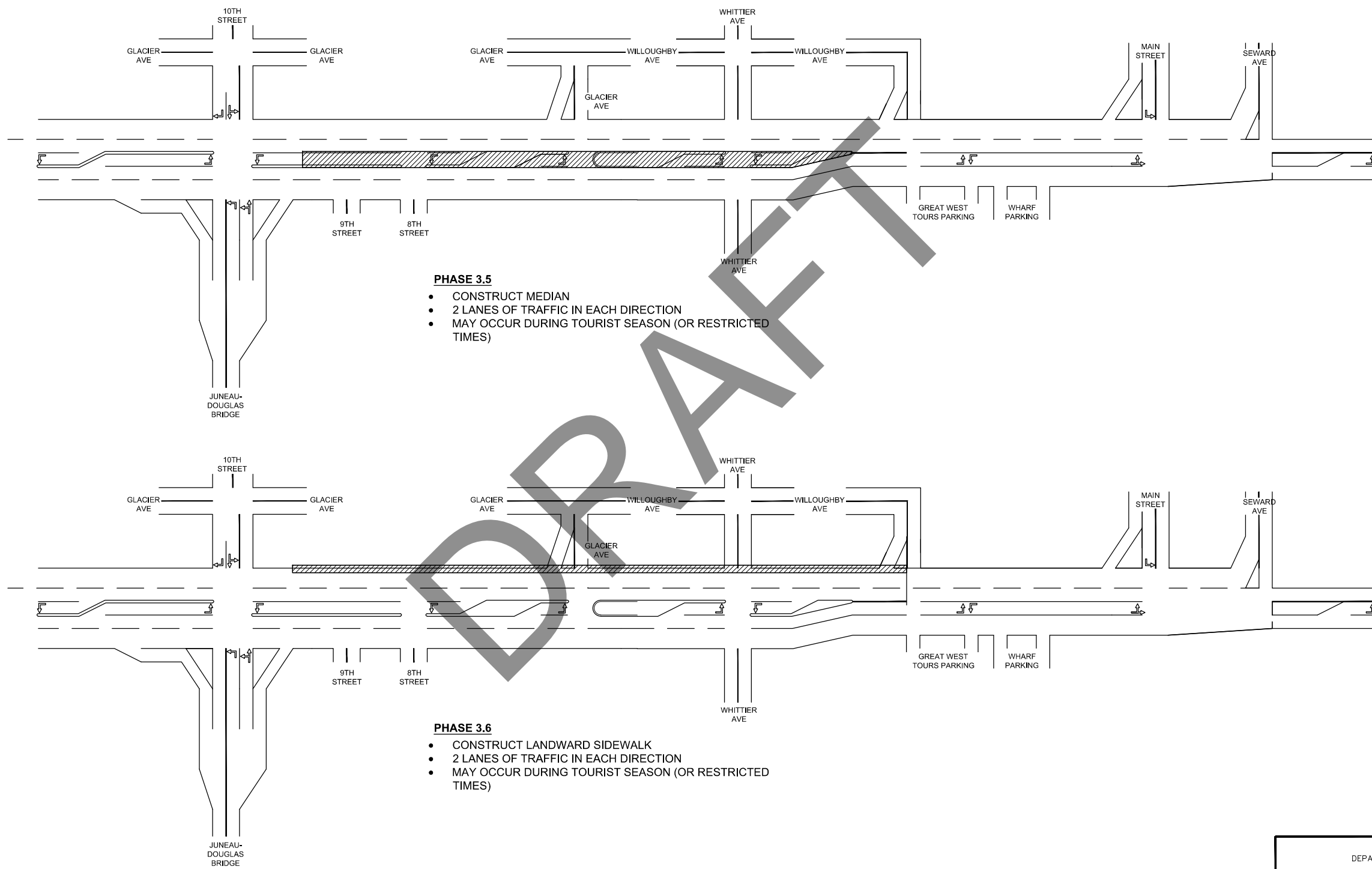
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STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
AND PUBLIC FACILITIES  
EGAN DR IMPROVEMENTS,  
MAIN ST. TO 10TH ST  
TRAFFIC CONTROL PLAN

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	NH-0932(047)/69393	2017	T6	T5

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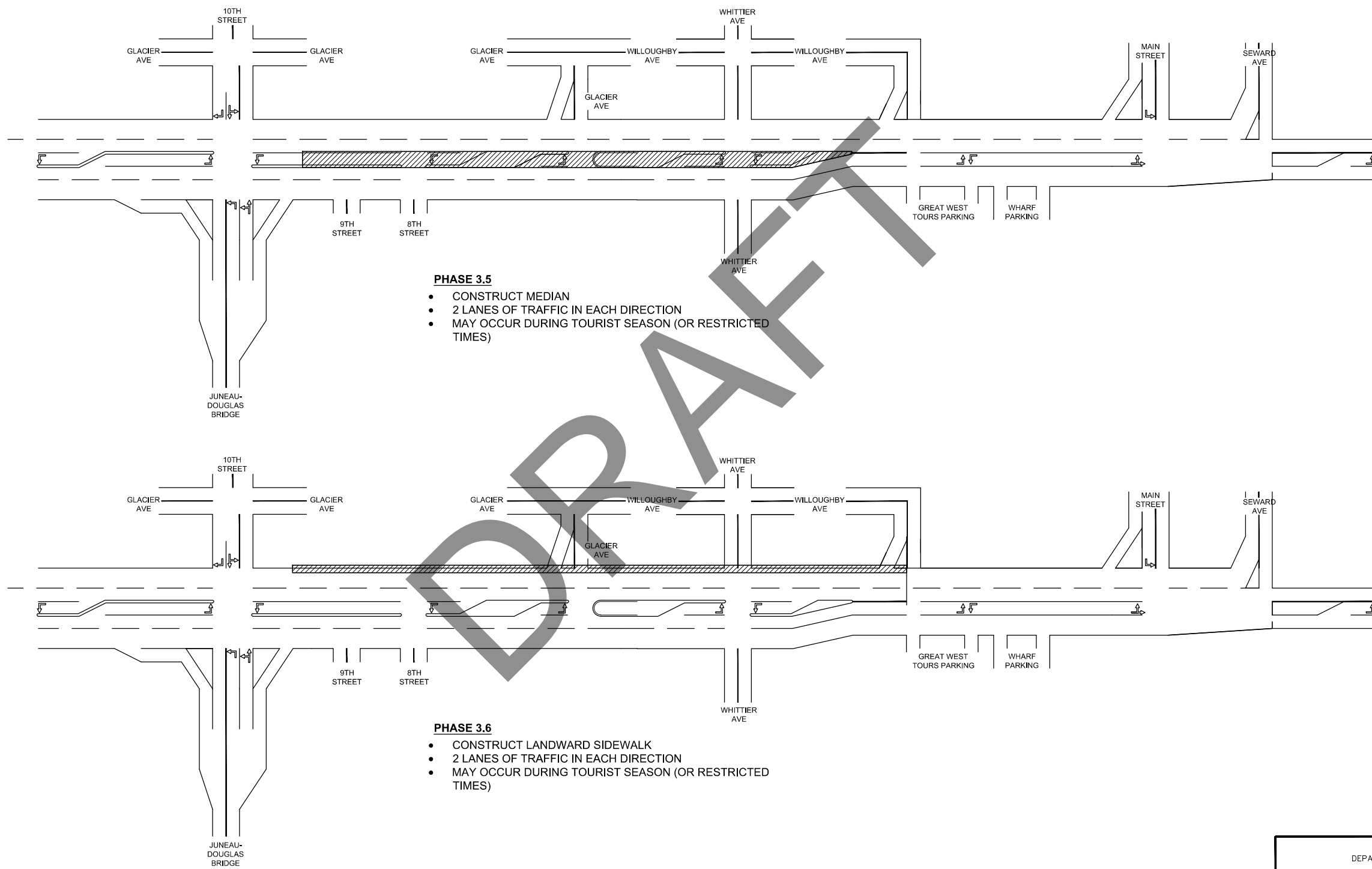
- PHASE 3.5**
- CONSTRUCT MEDIAN
  - 2 LANES OF TRAFFIC IN EACH DIRECTION
  - MAY OCCUR DURING TOURIST SEASON (OR RESTRICTED TIMES)

- PHASE 3.6**
- CONSTRUCT LANDWARD SIDEWALK
  - 2 LANES OF TRAFFIC IN EACH DIRECTION
  - MAY OCCUR DURING TOURIST SEASON (OR RESTRICTED TIMES)

STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
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**EGAN DR IMPROVEMENTS,  
 MAIN ST. TO 10TH ST**  
 TRAFFIC CONTROL PLAN

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	NH-0932(047)/69393	2017	T7	T5

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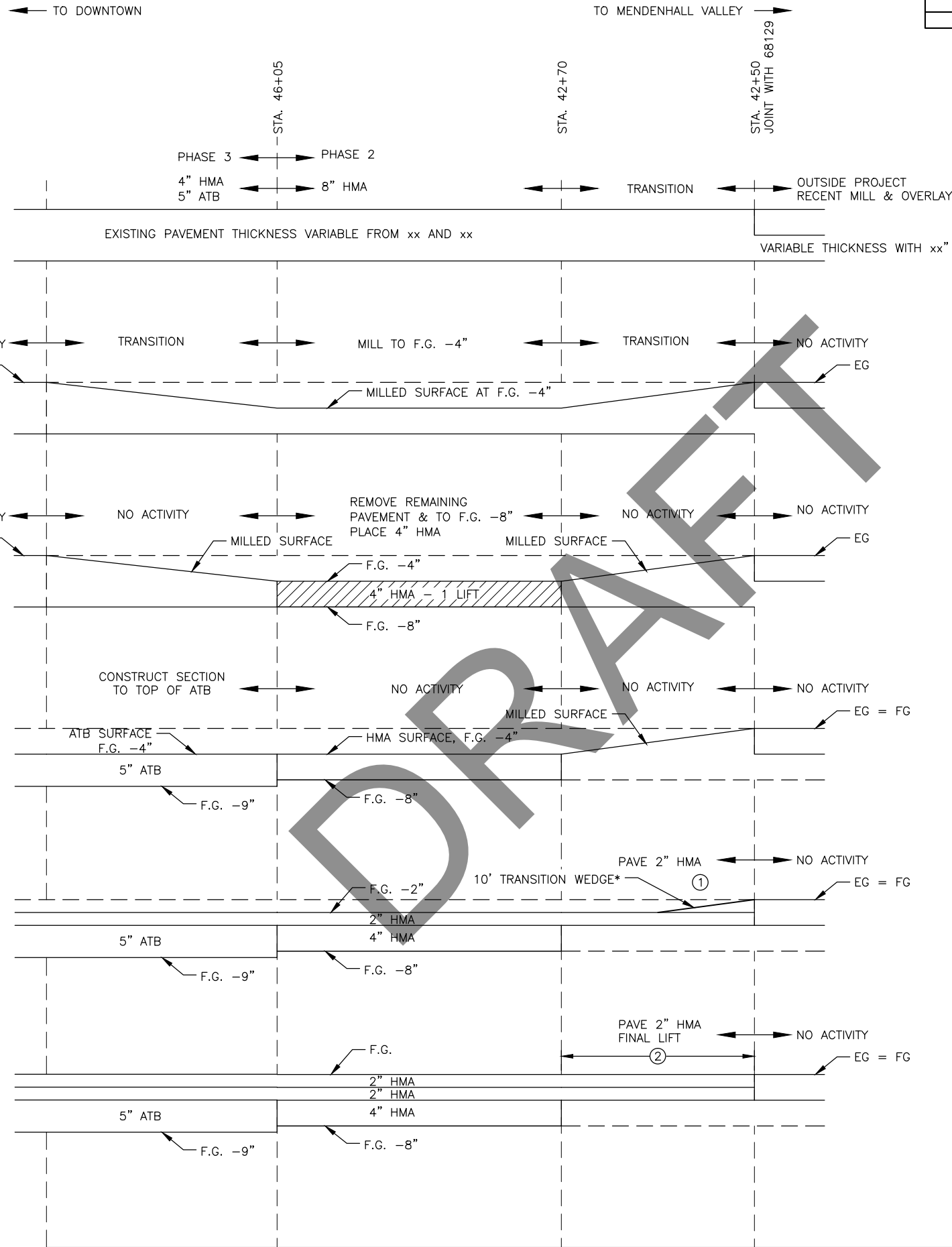
- PHASE 3.5**
- CONSTRUCT MEDIAN
  - 2 LANES OF TRAFFIC IN EACH DIRECTION
  - MAY OCCUR DURING TOURIST SEASON (OR RESTRICTED TIMES)

- PHASE 3.6**
- CONSTRUCT LANDWARD SIDEWALK
  - 2 LANES OF TRAFFIC IN EACH DIRECTION
  - MAY OCCUR DURING TOURIST SEASON (OR RESTRICTED TIMES)

STATE OF ALASKA  
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**EGAN DR IMPROVEMENTS,  
 MAIN ST. TO 10TH ST**  
 TRAFFIC CONTROL PLAN

10TH STREET INTERSECITON

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	NH-0932(047)/69393	2017	T8	####



- TRAFFIC OPERATES ON MILLED SURFACE AT F.G. -4"
- COLD PLANING OCCURS AT NIGHT
- NO GRADE BREAKS TRANSVERSE TO TRAFFIC ON EGAN DRIVE.

① MILL THE TRANSITION TO F.G. -4" THEN PAVE 2" HMA TO F.G. -2" THEN PLACE THE 10' LONG TRANSITION WEDGE

② REMOVE TRANSITION WEDGE PRIOR TO PAVING

EXISTING PAVEMENT

STEP 1  
MILL DOWN TO INTERIM DRIVING SURFACE IN TWO 2"

STEP 2  
PLACE LOWER 4" HMA FROM F.G. -4" TO F.G. -8" IN ONE LIFT

STEP 3  
4" HMA 5" ATB CONSTRUCTS THEIR SECTION TO F.G. -4"

STEP 4  
PAVE 1ST 2" HMA LIFT

STEP 5  
PAVE FINAL 2" HMA LIFT THROUGHOUT PROJECT

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STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
AND PUBLIC FACILITIES  
EGAN DRIVE IMPROVEMENTS  
MAIN ST. TO 10TH ST.

TRAFFIC CONTROL PLAN