

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE	OF PAGES
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO. <i>(If applicable)</i>	
6. ISSUED BY	CODE	7. ADMINISTERED BY <i>(If other than Item 6)</i>		CODE	
8. NAME AND ADDRESS OF CONTRACTOR <i>(No., street, county, State and ZIP Code)</i>			(✓)	9A. AMENDMENT OF SOLICITATION NO.	
				9B. DATED <i>(SEE ITEM 11)</i>	
				10A. MODIFICATION OF CONTRACT/ORDER NO.	
				10B. DATED <i>(SEE ITEM 13)</i>	
CODE	FACILITY CODE				

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended, is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(✓)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: <i>(Specify authority)</i> THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES <i>(such as changes in paying office, appropriation date, etc.)</i> SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER <i>(Specify type of modification and authority)</i>

E. IMPORTANT: Contractor is not, is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER <i>(Type or print)</i>		16A. NAME AND TITLE OF CONTRACTING OFFICER <i>(Type or print)</i>	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
<i>(Signature of person authorized to sign)</i>		BY _____ <i>(Signature of Contracting Officer)</i>	

PREVIOUS EDITION UNUSABLE

Construction Requirements

207.04A Geogrid. (Added Subsection.)

When placing a geogrid on native ground, cut the trees and shrubs flush with the ground surface. Do not remove the topsoil and vegetation mat. Remove all sharp objects and large rocks. Fill depressions or holes with suitable material to provide a firm foundation.

Replace or repair all geogrid that is torn or punctured. Remove the damaged area and place a patch of the same type of geogrid overlapping 3 feet beyond the damaged area. When placing a geogrid on a subgrade or geotextile, prepare the subgrade according to Subsections 204.13(c) and (d).

Place geogrid directly over the geotextile as smoothly as possible. The Geogrid should be pulled taut to remove any wrinkles. Fold or cut the geogrid to conform to curves. Overlap in the direction of construction. Overlap the geogrid ~~according to the manufacturer's recommendations~~ but no less than ~~2 feet~~ 1 foot at the ends and sides of adjoining sheets. Do not place longitudinal overlaps below anticipated wheel loads. Pins or piles of cover material may be required to hold the geogrid in place.

End-dump the cover material onto the geogrid from the edge of the geogrid or from previously placed cover material. Do not operate equipment directly on the geogrid. Spread the end-dumped pile of cover material in a uniform layer thickness maintaining a minimum lift thickness of 12 inches. Compact the first lift of cover material with rubber-tired or nonvibratory smooth drum rollers. Do not use sheepsfoot or studded compaction equipment on the first lift placed over the geogrid. Avoid sudden stops, starts, or turns of the construction equipment. Fill all ruts from construction equipment with additional cover material. Do not blade material down to remove ruts. If rutting exceeds 3 inches on the first lift, decrease the construction equipment size and/or weight or increase the lift thickness.

Place subsequent lifts of cover material in the same manner. Vibratory compactors may be used for compacting subsequent lifts. If pumping or foundation failures occur, repair the damaged areas and revert to the use of nonvibratory compaction equipment.

207.06 Acceptance. Add the following:

Material for subgrade stabilization geogrid will be evaluated under Subsections 106.02, 106.03, and 714.03.

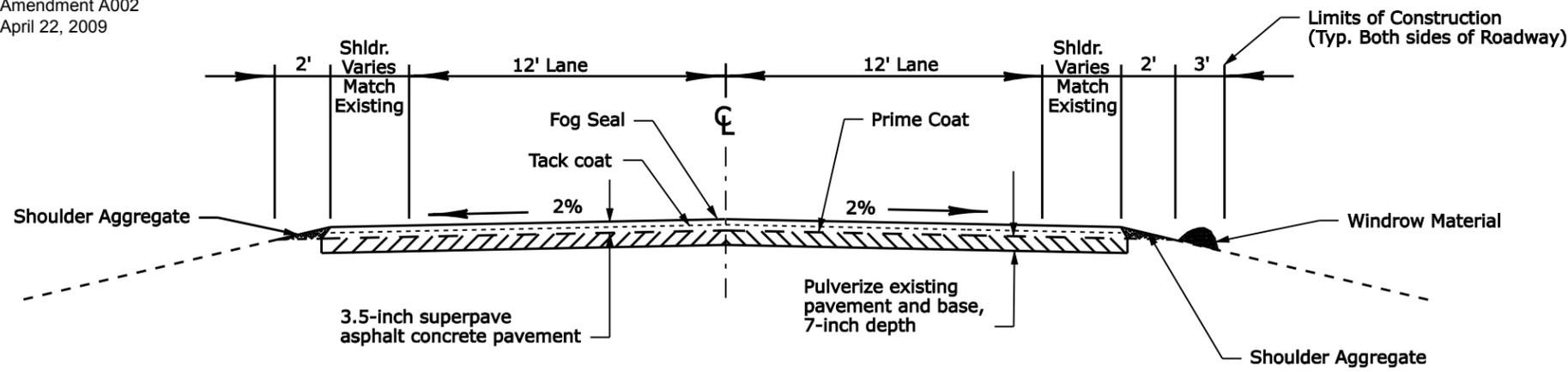
Geogrid installation will be evaluated under Subsections 106.02 and 106.04.

Measurement

207.07 Add the following:

Do not measure the overlap for payment.

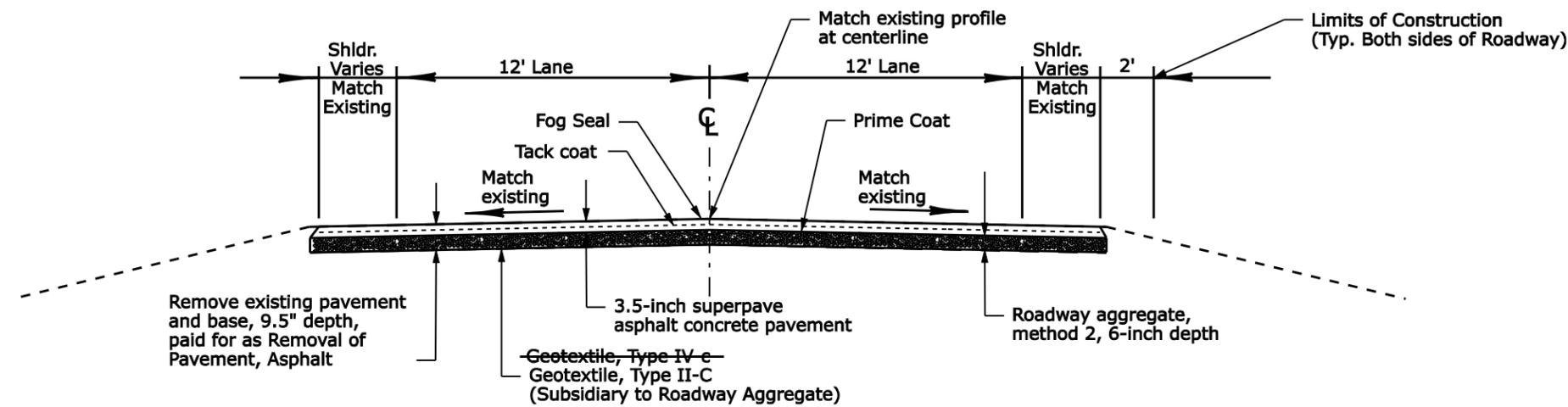
REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
MWR	ND	PRA THRO 10(3) SCENIC DRIVE	A7	A9



**TYPICAL SECTION
STATION 10+00 TO 18+50**

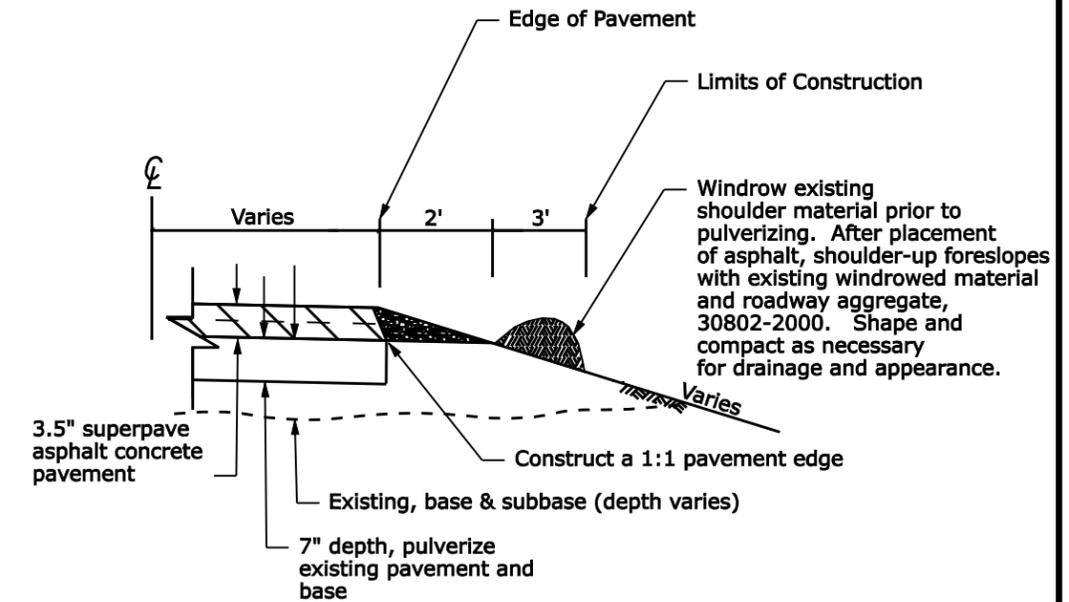
NOTES:

1. The Contractor is required to locate all existing utilities prior to beginning work.
2. Place superpave asphalt concrete in two lifts with tack coat between lifts.
3. Windrowing and replacement of existing shoulder material is not measured for payment, it is considered incidental to pay item 30306-3500, pulverizing, 7-inch depth.
4. The existing pavement thickness within the project limits ranges from 2.4" to 3.6" and the existing base thickness ranges from 3.6" to 7.2".

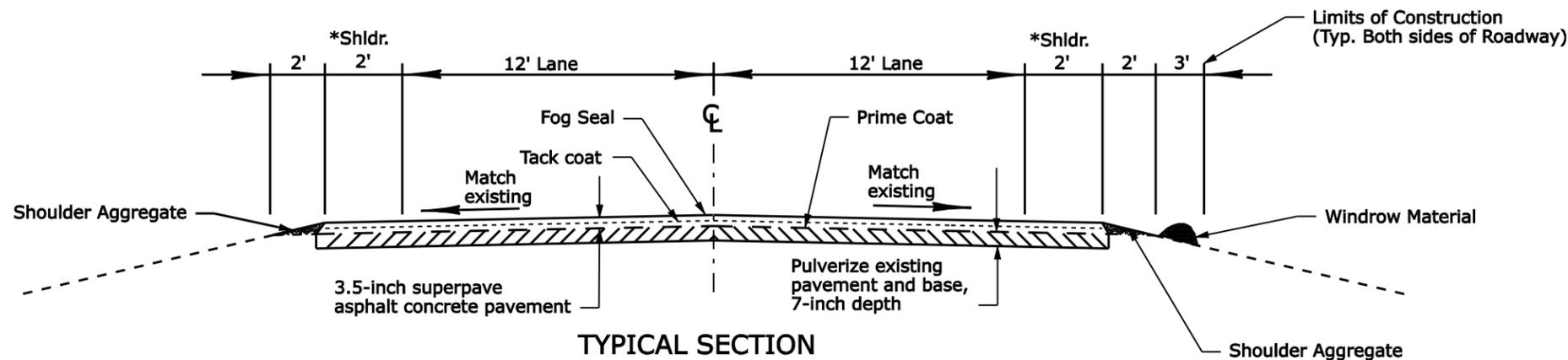


**TYPICAL SECTION NEAR VISITOR CENTER
STATION 18+50 TO 27+00**

- Notes:**
1. This typical section applies to all pavement in this station range, including parking spaces and turn loop.
 2. Match existing grades at the Cattle Guard, Entrance Kiosk, Concrete Curb, and Approach Roads in this area.
 3. The removed pavement and base course can be used as embankment for the Boneyard approach. See Sheet C3.



TYPICAL SHOULDER TREATMENT



**TYPICAL SECTION
STATION 27+00 TO 80+15
AND 82+65 TO 293+00**

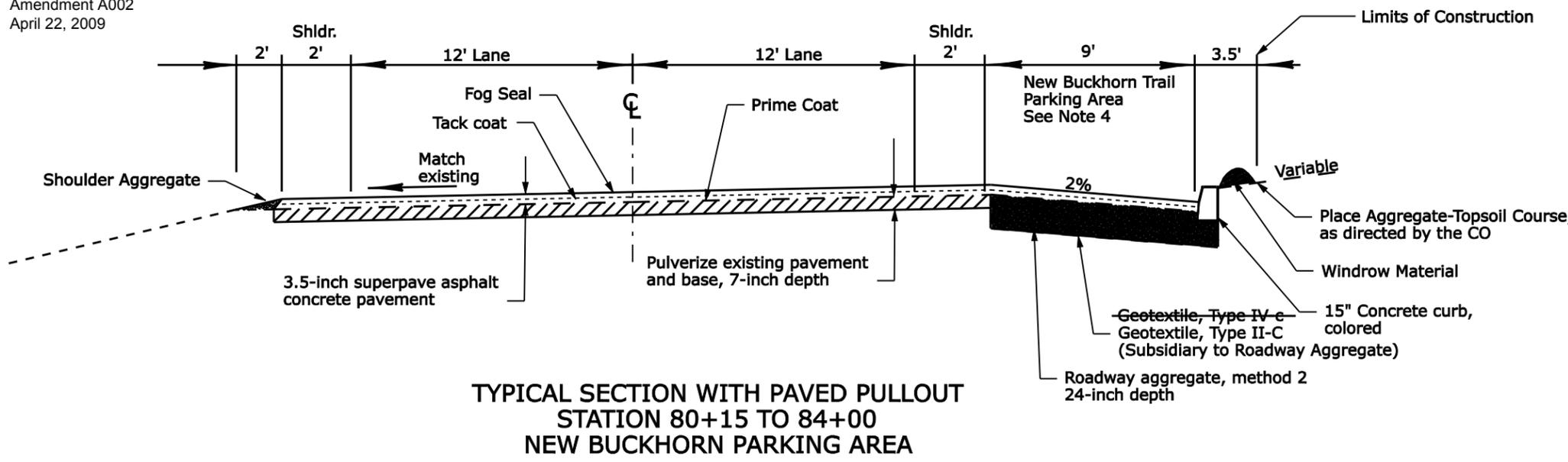
* Note: The shoulder width changes to 1' from station 264+27 to 293+00

NO SCALE

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
CENTRAL FEDERAL LANDS HIGHWAY DIVISION

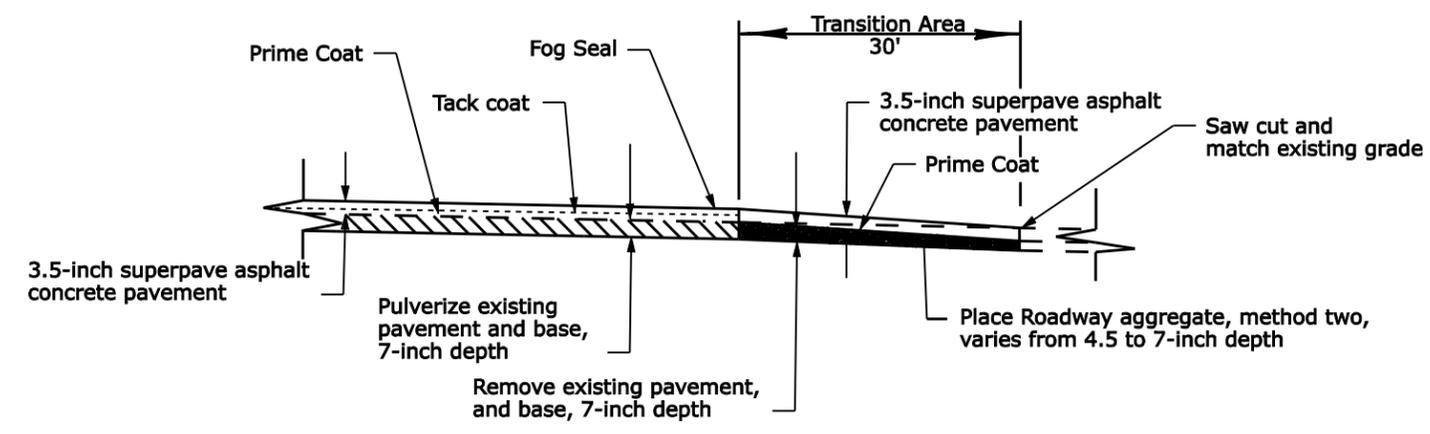
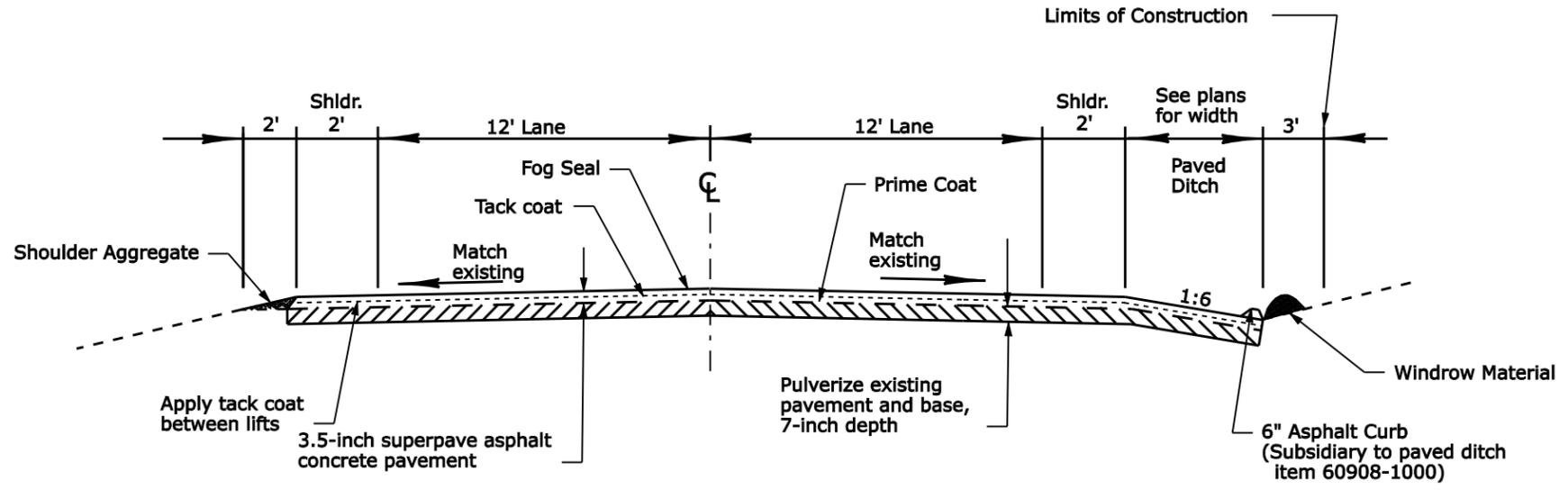
TYPICAL SECTIONS
SHEET 1 OF 3

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
MWR	ND	PRA THRO 10(3) SCENIC DRIVE	A8	A9



NOTES:

1. The Contractor is required to locate all existing utilities prior to beginning work.
2. Place superpave asphalt concrete in two lifts with tack coat between lifts.
3. Remove the existing paved ditch in new Buckhorn Parking area. Paid for as Removal of Pavement.
4. Windrowing and replacement of existing shoulder material is not measured for payment, it is considered incidental to pay item 30306-3500, pulverizing, 7-inch depth.



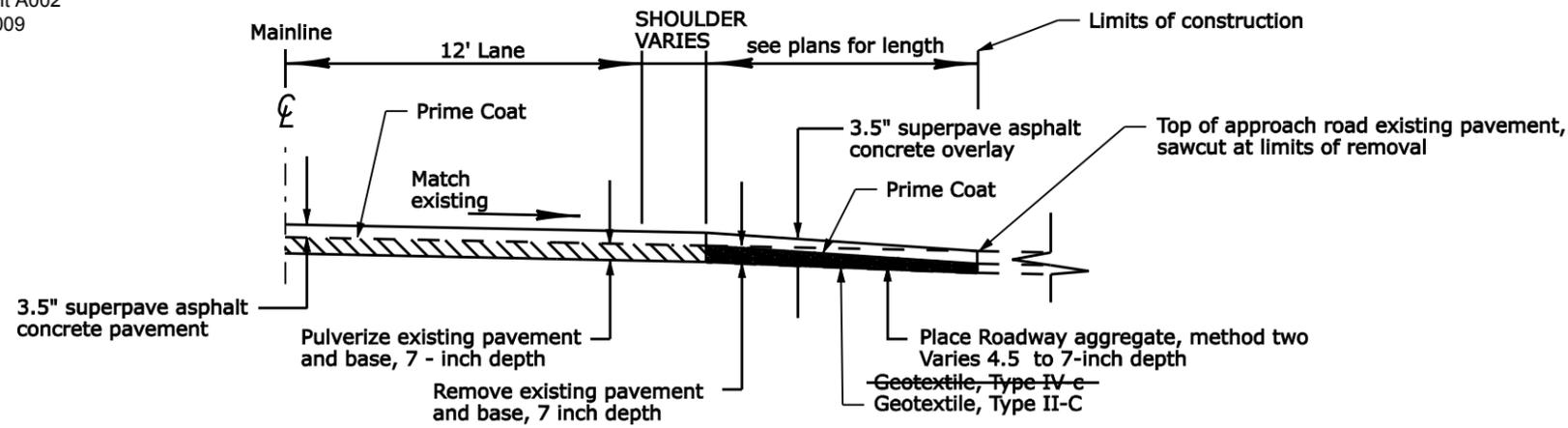
Stations: 18+50 to 18+80
26+70 to 27+00

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
CENTRAL FEDERAL LANDS HIGHWAY DIVISION

TYPICAL SECTIONS
SHEET 2 OF 3

4/22/2009 12:39:32 PM N:\IND\thro10(3)\Roadway\isheets\A-Gen_sht\TYP_THRO10(3).dgn

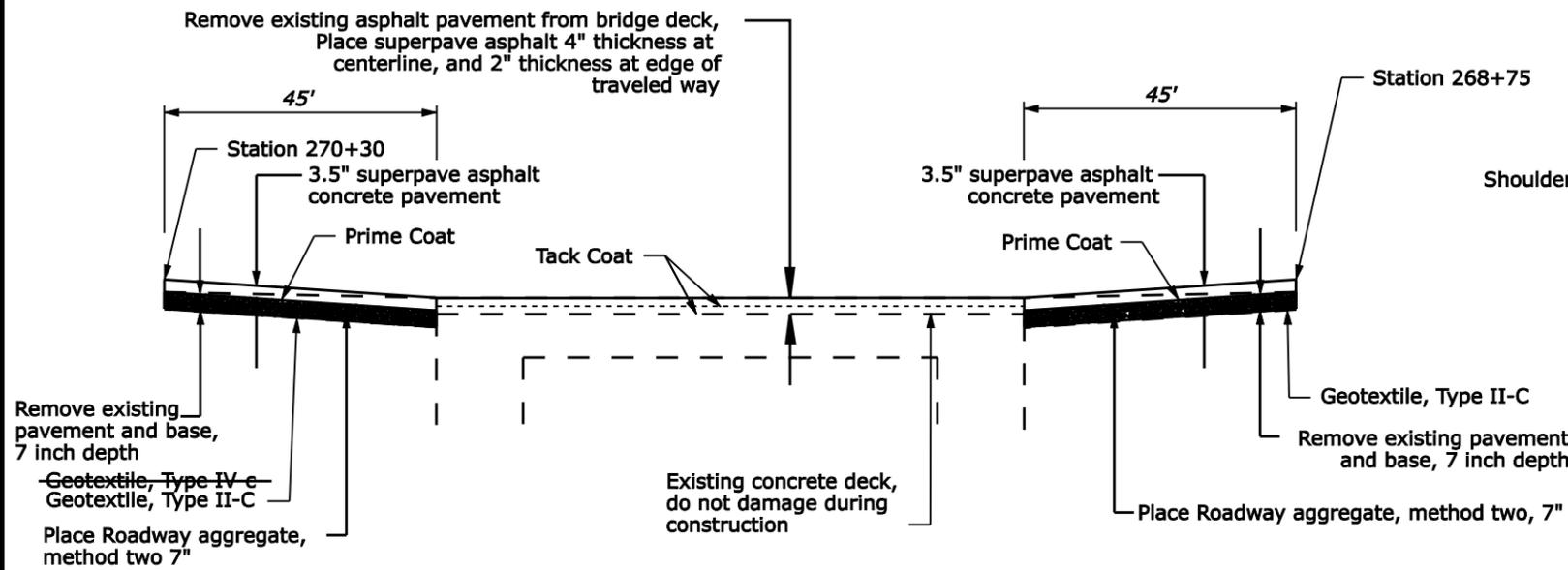
REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
MWR	ND	PRA THRO 10(3) SCENIC DRIVE	A9	A9



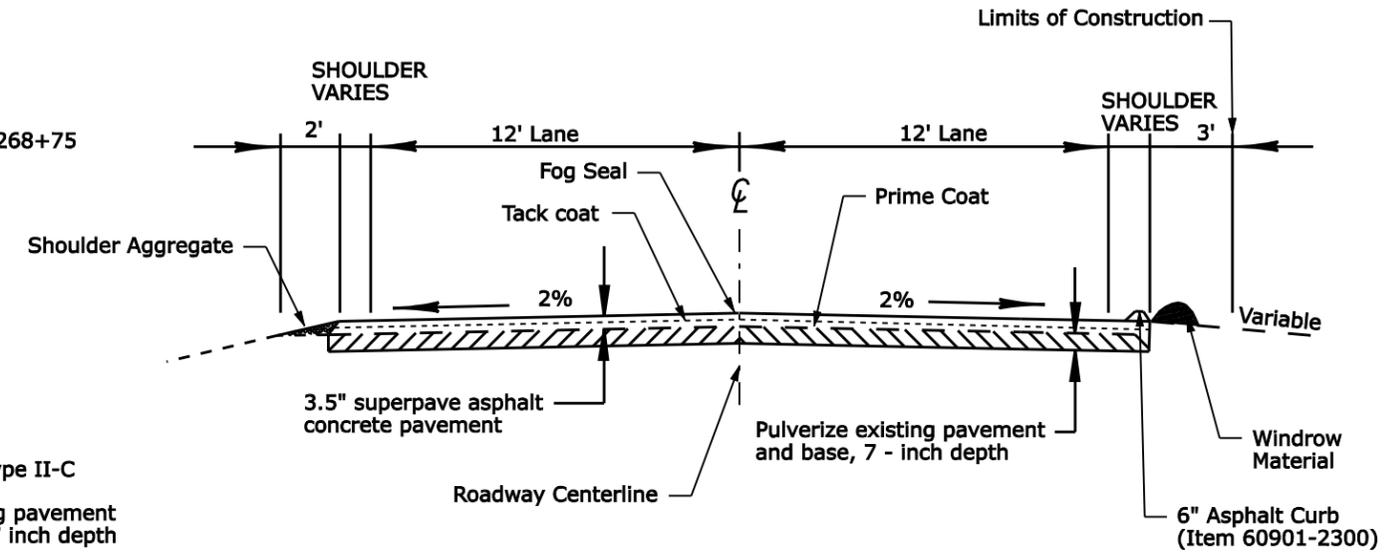
TYPICAL SECTION AT APPROACH ROADS

NOTES:

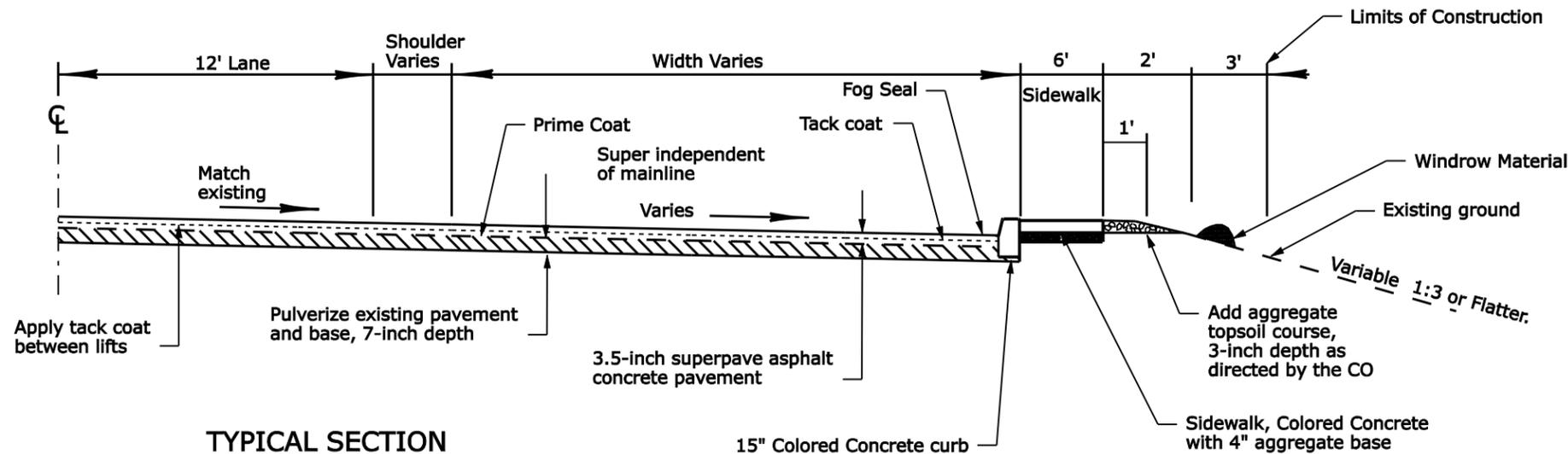
1. The Contractor is required to locate all existing utilities prior to beginning work.
2. Place superpave asphalt concrete in two lifts with tack coat between lifts.
3. Windrowing and replacement of existing shoulder material is not measured for payment, it is considered incidental to pay item 30306-3500, pulverizing, 7-inch depth.



PAVEMENT DETAIL AT SQUAW CREEK BRIDGE
Elevation



TYPICAL SECTION WITH CURB



TYPICAL SECTION
PULLOUTS AND PARKING AREAS
See plans for pullout locations and dimensions

PROJECT LENGTH TABLE			
Route	Station to Station	Length (ft)	Length (mi)
10	10+00 to 293+00	28300	5.36
TOTAL		28300	5.36

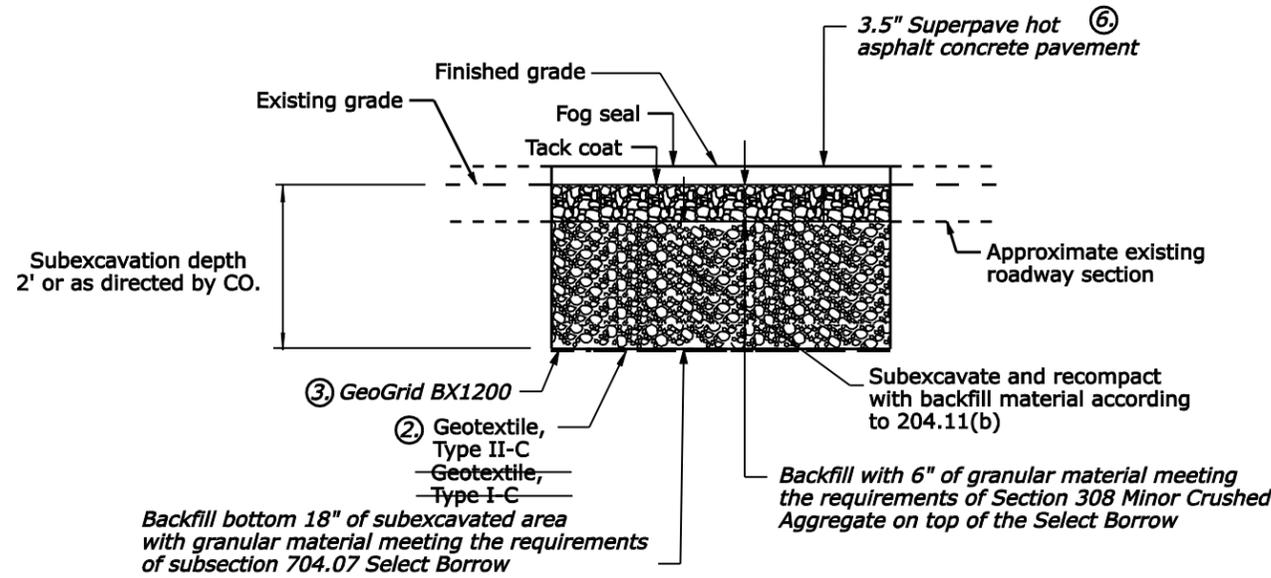
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
CENTRAL FEDERAL LANDS HIGHWAY DIVISION

TYPICAL SECTIONS
SHEET 3 OF 3

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
MWR	ND	PRA THRO 10(3) SCENIC DRIVE	F1	F1

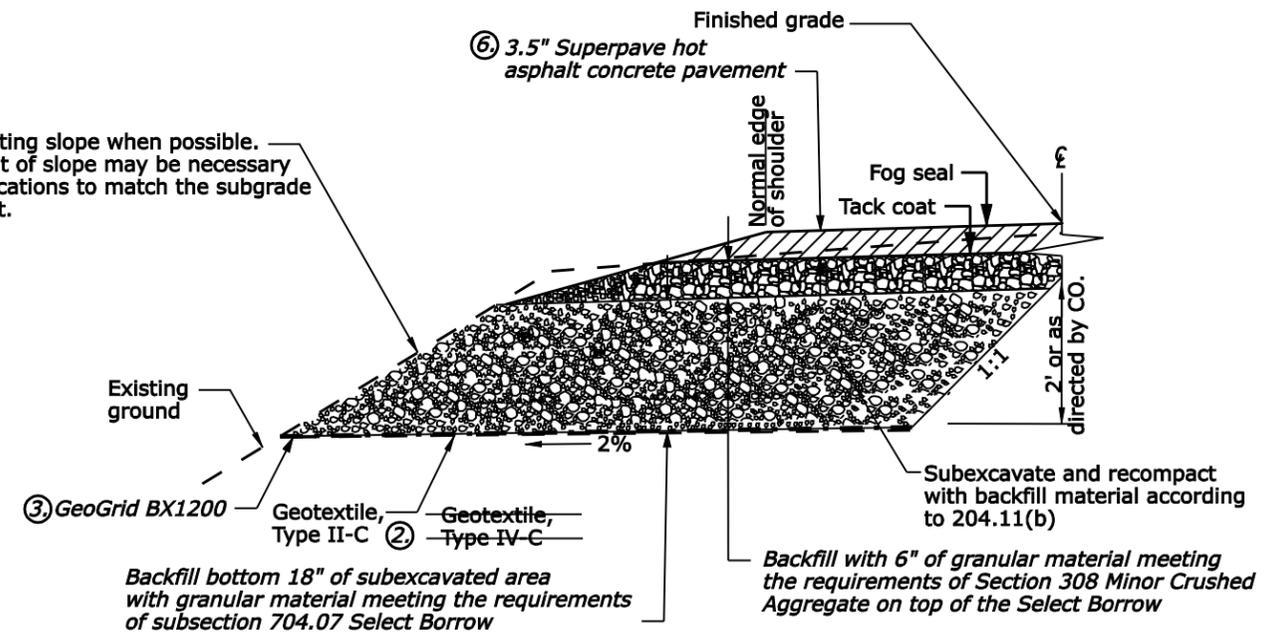
NOTE:

1. Slope subgrade to drain. Ensure subsurface water can exit the foreslopes.
- ② Use a Type I-C geotextile fabric with a minimum of 6 oz weight meeting the requirements of Table 714-1 and with a maximum apparent opening size (AOS) of 0.15 mm.
- ② Use a Type II-C geotextile fabric meeting the requirements of 714.01. The geotextile fabric is subsidiary to the Item 20402-0000, Subexcavation.
- ③ Provide Geogrid meeting the requirements of 207.02 in the Special Contract Requirements. Paid for under Item 20703-0000.
4. Do not operate equipment directly on the geogrid. Place material in a manner that does not damage geogrid.
5. Final location and extent of subexcavation to be determined by the CO. Some locations may occur beyond Station 293+00.
- ⑥ Item 40301-0000, Hot Asphalt Concrete Pavement, may be used in lieu of Superpave Pavement between Stations 293+00 and 432+00 only if the Option X package is awarded. If the Option X package is not awarded, resurface all subexcavation areas with item 40101-5600.



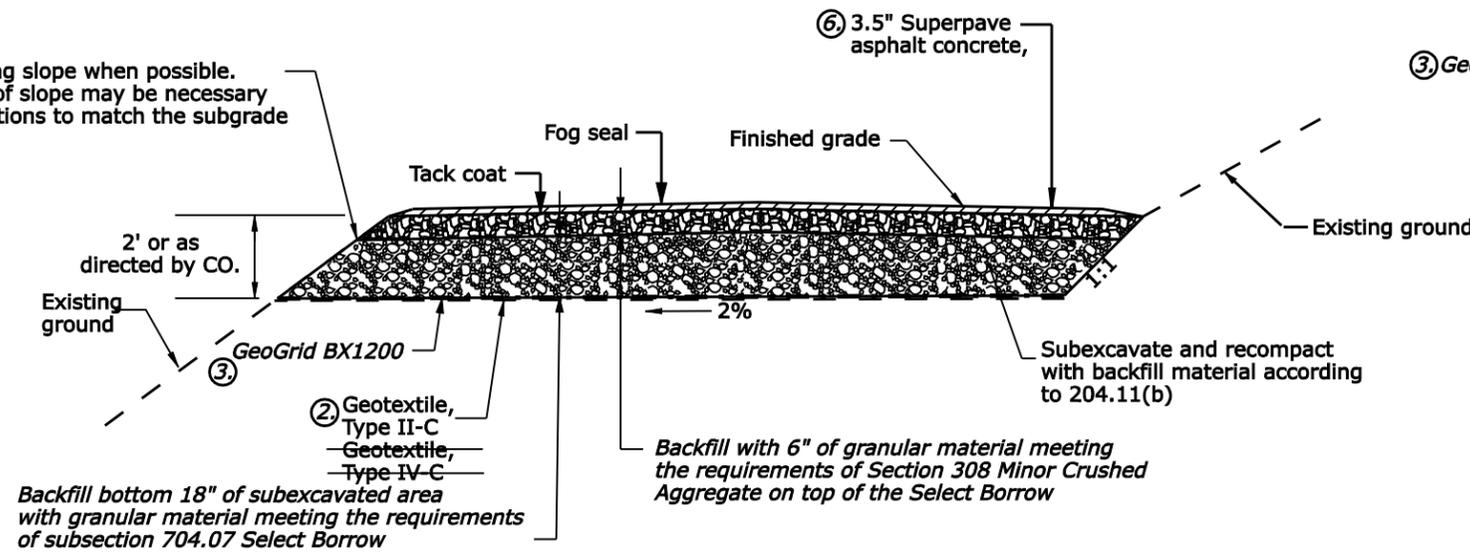
SUBEXCAVATION (SPOT SUBEX.)

Match existing slope when possible. Adjustment of slope may be necessary in some locations to match the subgrade hinge point.



SUBEXCAVATION (HALF WIDTH) TYPICAL SECTION

Match existing slope when possible. Adjustment of slope may be necessary in some locations to match the subgrade hinge point.



SUBEXCAVATION (FULL WIDTH) TYPICAL SECTION

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
CENTRAL FEDERAL LANDS HIGHWAY DIVISION

U.S. CUSTOMARY SPECIAL

SUBEXCAVATION DETAIL

Drawing not to scale

SPECIAL 204A

NPS PMIS NO. 63939 DRAWING NO. 387/41913